

**SANITATION, INC. LANDFILL
LEWISTOWN, MONTANA
JUNE 2006 GROUNDWATER SAMPLING REPORT**

Prepared for:
Barry Damschen Consulting, LLC

Prepared by:
Hydrometrics, Inc. 
Consulting Scientists & Engineers
3020 Bozeman Avenue
Helena, MT 59601

September 2006

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Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

BARRY DAMSCHEN CONSULTING, LLC

Engineering • Solid Waste Management • Grant Administration

September 19, 2006

Tim Steppe
Solid Waste Program
Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

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Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

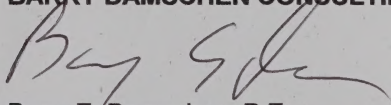
Dear Tim:

Please find enclosed our copy of the groundwater results for the Spring, 2006 sampling at the Sanitation Inc. landfill. The samples were collected on June 22, 2006. As indicated in the attached report, there does not appear to be any significant groundwater degradation as a result of the landfill. As you are aware we installed a new monitoring well at the site three years ago and we have now monitored this new well six (6) times. There was not sufficient water to monitor SIMW-1.

As indicated in my January 17, 2006 submittal, I understand that an agreement has been negotiated between my client (Sanitation Inc.) and the DEQ regarding the number of wells and the frequency in which these wells are to be sampled. In particular, my client indicated that we only need to sample the groundwater wells in the spring (once/year). I feel that it would be appropriate for the DEQ to confirm with me in writing of these changes in order that we can prepare an updated sampling and analysis plan. Also, I will be conducting my fall groundwater sampling for my landfill clients in late October and early November. Therefore I would like you to confirm with me in the near future if I should or should not sample Sanitation Inc.'s landfill this fall. Please call me at your earliest convenience (461-5003)

Very truly yours,

BARRY DAMSCHEN CONSULTING, LLC


Barry E. Damschen, P.E.
Project Manager

Enclosure

cc: Sanitation, Inc.



Montana Department of
ENVIRONMENTAL QUALITY

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

May 15, 2006

Mr. William Spoja
SANITATION INC.
P.O. Box 882
Lewistown, MT 59457-0882

*Hand delivered
april 10
Barry Damschen
Sanitation 4/10/06
msh*

**RE: SANITATION INC. LANDFILL - LICENSE #291
REVIEW OF 2005 GROUNDWATER MONITORING REPORT**

Dear Mr. Spoja:

The Department has reviewed the 2005 groundwater monitoring results for the Sanitation, Inc. landfill in Lewistown. Thank you for your patience regarding the Department's review of these documents. The reports meet the requirements of the Administrative Rules of Montana (ARM) 17.50.708.

In accordance with the November 4, 2005 negotiated agreement between Sanitation, Inc. and the Department, the facility will be required to sample wells SIMW-2, -3, and -4 on an annual basis (every June). In addition, during the sampling event, static water levels in well SIMW-1 and piezometer wells SIP-1, and SIP-2 should be measured and these piezometric elevations used to construct the groundwater contour map. Finally, a revised groundwater monitoring sampling and analysis plan (SAP) must be submitted to reflect these changes in the sampling scheme at the facility. The revised SAP must be submitted within 60-days of the date of this letter.

If you have any questions regarding this review or issues related to the groundwater monitoring requirements, please feel free to contact me directly at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Section.

Respectfully,

Mary Louise Hendrickson
Environmental Science Specialist
Solid Waste Regulatory Program
Phone: 406-444-1808; Fax: 406-444-1374
Email: mhendrickson@mt.gov

File: Fergus County County\Sanitation, Inc. Landfill\License#291\Groundwater Monitoring and Reports
Path: G:\WUTSWS\GWater\Responses\Fergus Co\SanInc-GW-051506.doc
cc: Mr. Barry Damschen, Barry Damschen Consulting, LLC, 5531 York Road, Helena, MT 59602
Mr. Mark Walker, Hydrometrics, Inc., 3020 Bozeman Avenue, Helena, MT 59601



September 20, 2006

Mr. Tim Steppe
Solid Waste Regulatory Program
Montana Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

RE: June 2006 Groundwater Monitoring Results
Sanitation, Inc. Landfill, Lewistown, MT

Dear Tim,

Hydrometrics, under contract to Barry Damschen Consulting, LLC, has prepared this letter report to transmit the results of the June 2006 groundwater monitoring at the Sanitation, Inc. Landfill in Lewistown, Montana. Sampling activities were conducted on June 22, 2006.

Groundwater Flow Results

Monitoring locations for the Sanitation, Inc. landfill are shown on Figure 1. Due to a malfunction of the water level meter, static water levels for the monitoring wells and piezometers were not collected during the June 2006 monitoring event. The general shallow groundwater flow direction, based on historic results, is to the north, with water level depths ranging from about 30 to 50 feet below the wellhead measuring point (Table 1). Typically, seasonal water level fluctuations are largest at well SIMW-4, presumably due to influence from the nearby detention pond. Over the last several monitoring events, calculated groundwater flow rates have ranged from 1.6 to 3.7 ft/day, based on values determined by Entranco (2002) for porosity (0.35) and hydraulic conductivity (9.2 ft/day).

Groundwater Quality Results

Water quality samples were collected from wells SIMW-2, SIMW-3, and SIMW-4 by bailing. No sample was collected from SIMW-1 due to an insufficient quantity of water for sampling. Quality control (QC) samples included a field duplicate (collected at SIMW-4), a trip blank, and standard internal laboratory QC samples. Samples were submitted to Energy Laboratories in Helena, Montana for analysis of Solid Waste Table 1 inorganic parameters and volatile organic compounds (VOCs). Field sampling notes and laboratory analytical reports are in Attachment 1.

Results for selected inorganic and organic parameters are summarized in Table 2a for SIMW-1, Table 2b for SIMW-2, Table 2c for SIMW-3, and Table 2d for SIMW-4, along with summary statistics for the data period August 1995 through June 2006. Note that, since no sample was collected from site SIMW-1 for the last two monitoring events, the data table presented in this report is identical to that in the June 2005 and November 2005 reports. For comparison, applicable WQB-7 groundwater standards are also shown in Tables 2a-2d. As shown in these tables, two parameters (nitrate + nitrite at well SIMW-3 and dissolved iron at well SIMW-4) exceeded the relevant WQB-7 groundwater standard for the June 2006 monitoring event.

Organic Parameters

Wells SIMW-2, SIMW-3, and SIMW-4 each had several VOC parameters reported as present, but below the laboratory reporting limit (reported with a 'J' qualifier), as follows:

Site	6/06 VOCs Reported (µg/L)
SIMW-2	1,1-dichloroethane (0.16 J)
	1,1,1-trichloroethane (0.29 J)
SIMW-3	dichlorodifluoromethane (0.44 J)
	1,1,1-trichloroethane (0.45 J)
	trichlorofluoromethane (0.78 J)
SIMW-4	acetone (4.9 J)
	benzene (0.29 J)
	cis-1,2-dichloroethene (0.59 J)
	m+p xylenes (0.13 J)
	o-xylene (0.11 J)

While the VOC results for wells SIMW-2 and SIMW-3 are similar to previously observed values (Tables 2b and 2c), the petroleum-related constituents at SIMW-4 (benzene and xylenes) are a particularly unusual occurrence. Acetone has previously been reported at this well, but the other constituents reported with J qualifiers in the June 2006 sample have not. In addition, the dissolved iron concentration of 2.11 mg/L at well SIMW-4 represents a large increase from previous values, which have been at or near the detection limit of 0.03 mg/L (Table 2d). As noted previously, the water level at well SIMW-4 appears to be influenced by water levels in the nearby detention pond (Figure 1); thus, water quality at this well may also be influenced by the quality of water present in the pond. The low level petroleum constituents and elevated iron concentration reported in the June 2006 sample from SIMW-4 may reflect low level contamination present in the pond during or prior to the sampling event. It may be prudent in the future to collect an additional water quality sample from the detention pond during groundwater monitoring events when there is water present in the pond to evaluate potential impacts to groundwater.

Inorganic Parameters

Nitrate + nitrite concentrations decreased slightly at well SIMW-3 from 11.4 mg/L in November 2005 to 10.6 mg/L in June 2006. Low concentrations of dissolved zinc were reported at wells SIMW-2 (0.03 mg/L) as well as SIMW-3 and SIMW-4 (both 0.02 mg/L). Sulfate and specific conductance increased at SIMW-4 in June 2006 after showing a decrease in November 2005 (Table 2d).

Figures 2a, 2b, 2c, and 2d show trend plots of chloride, sulfate, specific conductance (SC), nitrate + nitrite, and dissolved iron, selenium, zinc, and selected VOCs for wells SIMW-1, SIMW-2, SIMW-3, and SIMW-4, respectively. As stated previously, the plots for SIMW-1 are identical to those in the June 2005 report, since this well was not sampled in November 2005. The data show some seasonal and long-term variability, with occasional spikes in metals concentrations apparent at wells SIMW-2 and SIMW-3 (as well as SIMW-4, considering the dissolved iron concentration for June 2006). Typically, zinc concentrations are at or near detection limits, while selenium concentrations are at or near detection limits at SIMW-2 and SIMW-4 and show averages of 0.016 mg/L at SIMW-1 and 0.023 mg/L at SIMW-3 (Tables 2a, 2b, 2c, 2d).

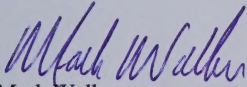
Recent increasing trends (i.e., during the last five years) are evident for the following constituents based on the time-concentration plots: SC and nitrate + nitrite at well SIMW-1 (Figure 2a), nitrite + nitrite at well SIMW-2 (Figure 2b), and SC at well SIMW-3 (Figure 2c). It should be noted, however, that in most cases current concentrations are within the range of historical data, and are generally similar to data collected earlier in the period of record.

As an additional method to determine if groundwater concentrations are changing over time, the nonparametric Mann-Kendall test for trend (D.R. Helsel and R.M. Hirsch, 2002) was conducted on the data sets for wells SIMW-2, SIMW-3, and SIMW-4 (well SIMW-1 was not sampled in November 2005 or June 2006, and thus the statistical testing conducted on this well in June 2005 remains current). Briefly stated, the test involves calculation of Kendall's S-statistic and Kendall's tau (τ), which is a measure of the strength of correlation between two variables. Statistical results are presented in Table 3. The significance level of $\alpha=0.05$ selected for the test is commonly used as a default level for statistical testing, and denotes a 5% chance that the test will conclude that there is a trend when in fact there is not (false positive result). Note that, due to the prevalence of nondetect and estimated values (values reported as present, but below reporting limits), the Mann-Kendall test was not conducted for organic parameters.

Statistically significant ($p<0.05$) trends were detected for two parameters: selenium at well SIMW-2, and SC at well SIMW-3 (Table 3). The selenium trend at SIMW-2 is decreasing (negative τ), while the statistical results indicate a weak increasing SC trend at well SIMW-3 ($\tau = 0.48$). No trends of statistical significance were obtained for well SIMW-4, although trend testing for this well is not as robust as the other wells due to the limited dataset (6 samples).

If you have any questions regarding this data report, please feel free to contact me at (406) 443-4150, ext. 146.

Sincerely,



Mark Walker
Environmental Scientist

Enclosures

c: Sanitation, Inc. Landfill
Barry Damschen Consulting, LLC

REFERENCES

- Entranco, 2002. Sanitation, Inc. Letter Report from Bruce Siegmund to Pat Potts, MDEQ dated March 21, 2002.
- Helsel, D.R. and R.M. Hirsch, 2002. *Statistical Methods in Water Resources*. Techniques of Water-Resources Investigations of the United States Geological Survey, Book 4, Chapter A3. September 2002.
- Hydrometrics, 2005. Sanitation, Inc. Landfill, Lewistown, Montana, June 2005 Groundwater Sampling Report. September, 2005.

TABLES

TABLE 1. PREVIOUS WATER LEVEL MEASUREMENT RESULTS

Well	November 2005 Static Water Level (ft bmp)	November 2005 Groundwater Elevation (ft)
SIMW-1	46.25	4091.63
SIMW-2	36.03	4087.68
SIMW-3	31.49	4079.42
SIMW-4	40.32	4037.75
SIP-1	34.64	4085.6
SIP-2	52.56	4098.78

Well	June 2005 Static Water Level (ft bmp)	June 2005 Groundwater Elevation (ft)
SIMW-1	44.42	4093.46
SIMW-2	33.68	4090.03
SIMW-3	31.17	4079.74
SIMW-4	29.35	4048.72
SIP-1	33.54	4086.70
SIP-2	49.65	4101.69

NOTES:

No water levels measured in June 2006 due to water level meter malfunction.

bmp = below measuring point

nc = not calculated (no static water level measured)

Table 2a. SIMW-1 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)	dichlorodifluoro- methane (ug/L)	1,1,1-trichloro- ethane (ug/L)	trichlorofluoro- methane (ug/L)
8/16/1995	26	95	958	4.49	<0.03	0.017	<0.01	0.65(j)	0.67(j)	0.49(j)
6/10/1996				4.24	<0.03	0.016	0.02	0.58(j)	0.34(j)	0.4(j)
6/3/1997	25	92	786	5.56	0.04	0.014	0.03	0.53(j)	0.77(j)	0.47(j)
11/4/1997	24	81	751	3.74	<0.03	0.019	0.02	0.68(j)	0.4(j)	0.33(j)
10/6/1998				5.52				0.54(j)	0.42(j)	0.37(j)
6/15/1999	23	77	686	4.04	<0.03	0.018	0.02	0.53(j)	0.43(j)	0.39(j)
10/6/1999	25	79	759	4.06	<0.03	0.017	0.04	0.54(j)	<1	<1
6/27/2000	22	70	755	3.6	<0.03	0.016	<0.01	0.59(j)	<1	<1
10/17/2000	30	98	756	2.82	<0.03	0.009	0.04	0.43(j)	0.33(j)	0.28(j)
7/22/2003	22	68	798	4.47	<0.03	0.018	0.03	0.38(j)	0.3(j)	0.23(j)
6/21/2004	24	79	845	3.88	<0.03	0.014	<0.01	<1	<1	<1
6/18/2005	27	95	920	4.98	<0.03	0.019	<0.01	<1	<1	<1
WQB-7 Standard										
n	10	10	na	10	0.3	0.05	2.0	1,000	200	10,000
% BD	0%	0%	0%	12	11	11	11	12	12	12
Average	25	83	801	4.28	91%	0%	36%	17%	33%	33%
Median	24.5	80	773	4.15	<0.03	0.017	0.02	0.621	0.638	0.580
Minimum	22	68	686	2.82	<0.03	0.009	<0.01	0.56	0.55	0.435
Maximum	30	98	958	5.56	0.04	0.019	0.04	0.38	0.3	0.23

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below detect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

WQB-7 Standards are groundwater standards from January 2004 version of WQB-7; na = no applicable standard.

Table 2b. SIMW-2 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)	dichlorodifluoro-methane (ug/L)	1,1-dichloro-ethane (ug/L)	1,1,1-trichloro-ethane (ug/L)	trichlorofluoro-methane
8/16/1995	55	224	1480	3.78	<0.03	0.006	<0.01	<1	<1	<1	<1
6/10/1996	47	195	1180	4.18	<0.03	0.008	<0.01	0.18(l)	<1	0.35(l)	0.16(l)
10/22/1996	62	214	1180	2.6	1.29	<0.005	0.03	0.23	<1	<1	0.15(l)
6/3/1997	63	202	1040	2.11	0.06	0.014	0.06	<1	<1	<1	<1
11/4/1997	58	211	1110	3.95	<0.03	0.008	<0.01	0.26(l)	<1	0.42(l)	0.2(l)
6/16/1998	56	201	1150	2.32	0.05	0.005	0.02	<1	<1	<1	1.4
10/6/1998	56	203	1140	3.97	0.05	0.006	0.02	0.28(l)	<1	0.39(l)	<1
6/15/1999	30	177	1170	3.26	<0.03	0.006	0.01	0.56(l)	0.22(l)	1.2	0.48(l)
10/6/1999	50	193	1100	2.46	<0.03	0.006	0.08	<1	<1	<1	<1
6/27/2000	59	199	1100	2.57	<0.03	0.005	<0.01	0.32(l)	<1	0.42(l)	<1
10/17/2000	61	201	1130	1.93	<0.03	0.005	<0.01	0.27(l)	<1	0.41(l)	<1
7/6/2001	67	214	1140	1.05	<0.03	<0.005	0.01	<1	<1	<1	<1
10/30/2001	61	205	1170	0.94	0.08	<0.005	0.01	<1	<1	<1	<1
10/28/2002	62	216	1240	1.04	0.05	<0.005	0.02	<1	<1	<1	<1
7/22/2003	62	187	1140	1.3	<0.03	<0.005	<0.01	<1	<1	<1	<1
10/15/2003	63	211	1110	1.78	1.5	<0.005	<0.01	<1	<1	<1	<1
6/21/2004	58	211	1160	2.34	<0.03	<0.005	<0.01	<1	<1	<1	<1
10/25/2004	61	205	1220	1.94	<0.03	<0.005	<0.01	<1	<1	<1	<1
6/18/2005	60	201	1180	3.01	<0.03	<0.005	<0.01	<1	<1	<1	<1
11/2/2005	52	203	1230	2.94	<0.03	<0.005	0.07	0.25(l)	0.18(l)	0.51(l)	<0.19
6/22/2006	59	240	1220	3.06	<0.03	<0.005	0.03	<1	0.16(l)	0.29(l)	<1
WQB-7 Standard	na	na	na	10	0.3	0.05	2.0	1,000	na	200	10,000
n	21	21	21	21	21	21	21	21	21	21	21
% BD	0%	0%	0%	0%	67%	52%	48%	62%	86%	62%	71%
Average	57	205	1171	2.50	0.17	0.006	0.022	0.731	0.884	0.809	0.837
Median	59	203	1160	2.46	<0.03	0.005	0.01	<1	<1	<1	<1
Minimum	30	177	1040	0.94	<0.03	<0.005	<0.01	0.18(l)	0.16(l)	0.29(l)	0.15(l)
Maximum	67	240	1480	4.18	1.5	0.014	0.08	<1	<1	1.2	1.4

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below defect values replaced with detection limit for calculation of averages

(l) Estimated value; analyte present but less than the reporting limit.

WQB-7 Standards are groundwater standards from January 2004 version of WQB-7; na = no applicable standard.

Table 2c. SIMW-3 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)	dichlorodifluoromethane (µg/L)	1,1,1-trichloroethane (µg/L)	trichlorofluoromethane (µg/L)
8/16/1995	34	140	893	8.96	<0.03	0.021	<0.01	0.2(f)	0.54(f)	0.17(f)
6/10/1996	30	139	750	9.25	0.1	0.022	<0.01	<1	<1	<1
10/22/1996	34	133	706	9.09	0.03	0.019	<0.01	<1	<1	<1
6/3/1997	27	134	683	9.08	<0.03			<1	<1	<1
11/4/1997	30	131	767	9.35	<0.03	0.023	<0.01	<1	<1	<1
2/16/1998	23	129	739	12.2	0.24	0.019	<0.01	1.2	<1	1.4
10/6/1998	25	128	731	11	<0.03	0.017	0.01	0.45(f)	<1	0.22(f)
6/15/1999	25	121	707	11.7	12.9	0.074	0.47	0.55(f)	0.34(f)	0.29(f)
10/6/1999	27	124	744	11.5	<0.03	0.019	0.02	<1	<1	<1
6/27/2000	30	135	797	10.1	<0.03	0.023	0.01	0.32(f)	<1	<1
10/17/2000	32	139	808	9.76	<0.03	0.024	0.01	0.3(f)	<1	<1
7/6/2001	36	135	870	8.79	<0.03	0.021	<0.01	0.34(f)	<1	<1
10/30/2001	35	134	866	10.7	<0.03	0.02	0.03	<1	<1	<1
10/26/2002	30	140	879	8.69	<0.03	0.025	0.02	<1	<1	<1
7/22/2003	30	135	811	9.72	0.77	0.022	<0.01	0.27(f)	<1	<1
10/15/2003	31	143	799	9.13	0.22	0.021	<0.01	0.33(f)	<1	<1
6/21/2004	31	143	802	8.06	0.34	0.021	<0.01	<1	<1	<1
10/25/2004	27	136	869	8.35	<0.03	0.023	<0.01	0.31(f)	<1	<1
6/18/2005	29	148	879	10.6	<0.03	0.018	<0.01	<1	<1	<1
11/2/2005	28	146	844	11.4	<0.03	0.018	0.02	0.34(f)	0.23(f)	0.35(f)
6/22/2006	27	130	925	10.6	<0.03	0.015	0.02	0.44(f)	0.45(f)	0.78(f)
WQB-7 Standard										
n	21	21	na	10	0.3	0.05	2.0	1,000	200	10,000
% BD	0%	0%	0%	21	21	20	20	21	21	21
Average	30	135	803	9.9	0.72	0.023	0.04	0.87	0.88	0.87
Median	30	135	802	9.72	<0.03	0.021	<0.01	<1	<1	<1
Minimum	23	121	683	8.06	<0.03	0.015	<0.01	0.2(f)	0.23(f)	0.17(f)
Maximum	36	148	925	12.2	12.9	0.074	0.47	1.2	<1	1.4

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below detect values replaced with detection limit for calculation of averages

(f) Estimated value; analyte present but less than the reporting limit.

WQB-7 Standards are groundwater standards from January 2004 version of WQB-7; na = no applicable standard.

Table 2d. SIMW-4 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)
10/15/2003	135	167	1370	<0.05	0.06	<0.005	<0.01
6/21/2004	161	152	1500	0.63	<0.03	<0.005	<0.01
10/25/2004	116	161	1460	<0.05	<0.03	<0.005	<0.01
6/18/2005	175	228	2060	<0.05	0.04	<0.005	<0.01
11/2/2005	114	174	1380	0.08	<0.03	<0.005	0.02
6/22/2006	245	288	2320	<0.05	2.11	<0.005	0.02
WQB-7 Standard	na	na	na	10	0.3	0.05	2.0
n	6	6	6	6	6	6	6
% BD	0%	0%	0%	67%	50%	100%	67%
Average	158	195	1682	0.15	0.38	<0.005	0.0133333
Median	148	170.5	1480	<0.05	<0.035	<0.005	<0.01
Minimum	114	152	1370	<0.05	<0.03	<0.005	<0.01
Maximum	245	288	2320	0.63	2.11	<0.005	0.02

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below defect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

WQB-7 Standards are groundwater standards from January 2004 version of WQB-7; na = no applicable standard.

Table 3. June 2006 Statistical Test Results

Well	Parameter	Mann-Kendall Trend Test Results			Well	Parameter	Mann-Kendall Trend Test Results		
		S	τ	p			S	τ	p
SIMW-1*	chloride	-4	-0.09	0.786	SIMW-3	chloride	-11	-0.05	0.760
	sulfate	-9	-0.20	0.471		sulfate	59	0.28	0.079
	SC	11	0.24	0.371		SC	101	0.48	0.003
	nitrate + nitrite	-14	-0.21	0.373		nitrate + nitrite	-5	-0.02	0.904
	Fe (diss)	-6	-0.11	0.429		Fe (diss)	-1	-0.01	1.000
	Se (diss)	0	0.00	1.000		Se (diss)	-28	-0.15	0.377
SIMW-2	Zn (diss)	-2	-0.04	0.935	SIMW-4	Zn (diss)	25	0.13	0.330
	chloride	32	0.15	0.347		chloride	3	0.20	0.707
	sulfate	17	0.08	0.627		sulfate	9	0.60	0.133
	SC	38	0.18	0.261		SC	7	0.47	0.260
	nitrate + nitrite	-48	-0.23	0.156		nitrate + nitrite	-1	-0.07	1.000
	Fe (diss)	-28	-0.13	0.327		Fe (diss)	2	0.13	0.840
	Se (diss)	-88	-0.42	0.0015		Se (diss)	NA	NA	NA
	Zn (diss)	-6	-0.03	0.862		Zn (diss)	8	0.53	0.105

NOTE: **Bold** values indicate rejection of "no-trend" hypothesis at confidence level $\alpha = 0.05$ (i.e., $p < 0.05$).

*Statistics for SIMW-1 based on data through June 2005; no sample collected in November 2005 or June 2006 due to insufficient water.

NA = not analyzed (all values below detection limit)

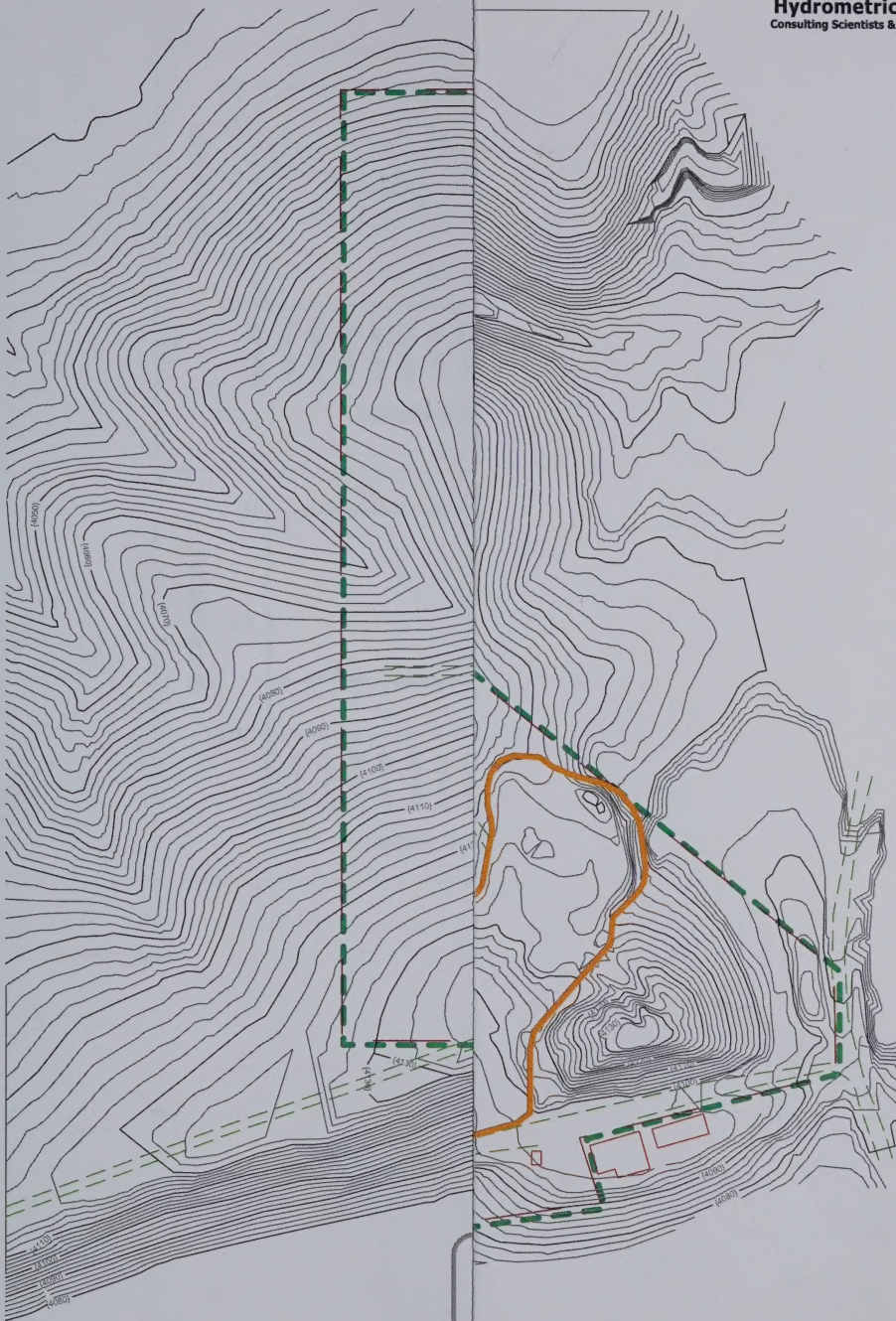
The Mann-Kendall test for trend is conducted according to methods presented in *Statistical Methods in Water Resources* by D.R. Helsel and R.M. Hirsch (2002). The test is a nonparametric method of assessing whether values over time tend to remain constant (null hypothesis) or tend to show an increasing or decreasing trend. The calculated statistics are as follows:

Kendall's S: compares each value in a data set to each subsequently collected value. S is an overall measure of whether subsequent values tend to be greater or less than a given value. If S is positive, subsequent values tend to be greater; if negative, subsequent values tend to be smaller. The closer S is to 0, the less evidence there is of any trend.

Kendall's tau: Kendall's tau is a correlation coefficient analogous to the more familiar Pearson's R. Tau can range from -1 to +1, with +1 indicating a strong increasing trend (increasing concentrations with time), and -1 indicating a strong negative trend (decreasing concentrations with time).

p-value: p-values are a measure of the significance of the above test statistics. Typically, when p is less than some established decision level α , then the null hypothesis (i.e., the assumption of no trend in this case) is rejected.

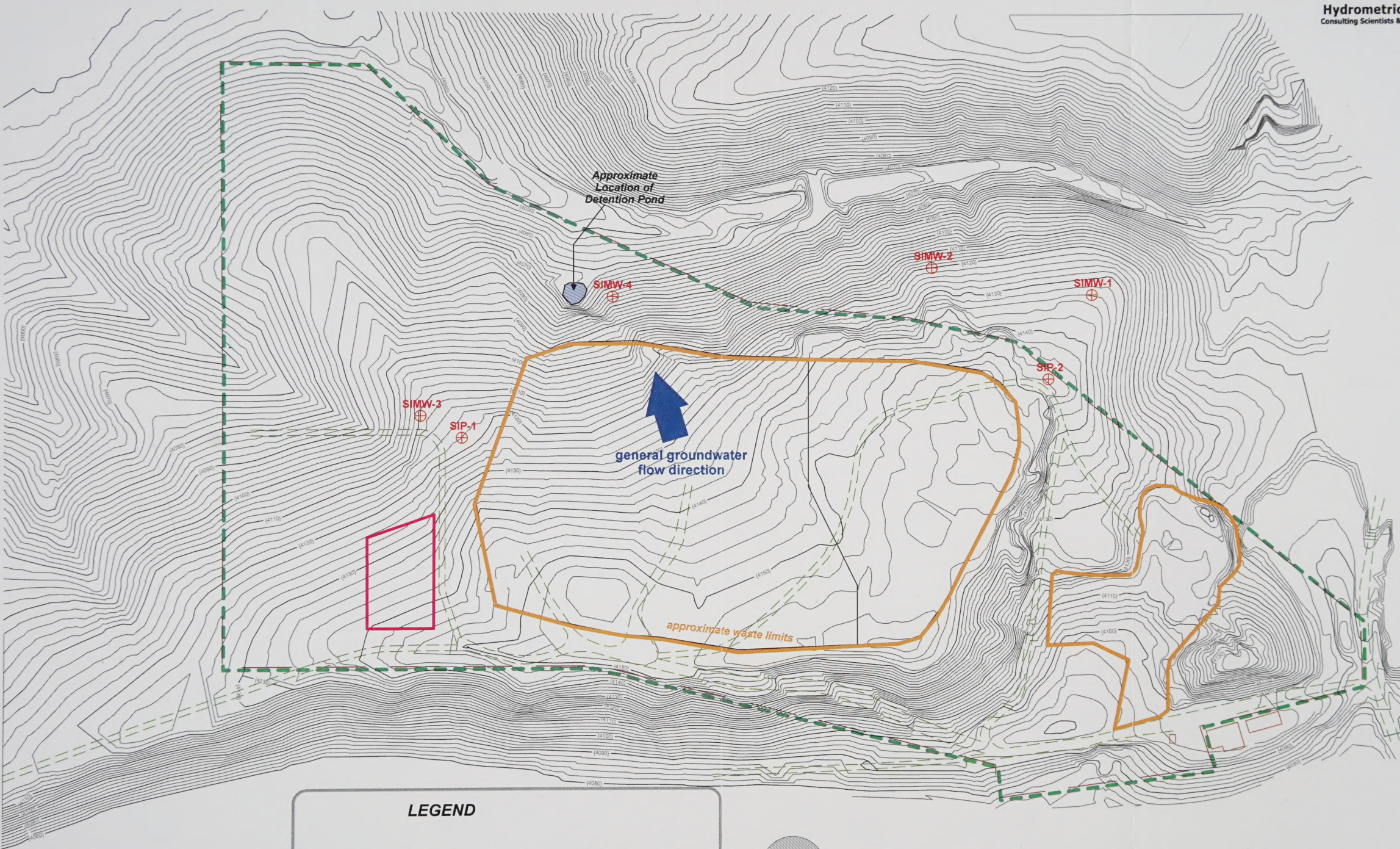
FIGURES



Monitoring Locations and
General Flow Direction
Hydrometrics, Inc. Landfill
Missoula, Montana

FIGURE

1



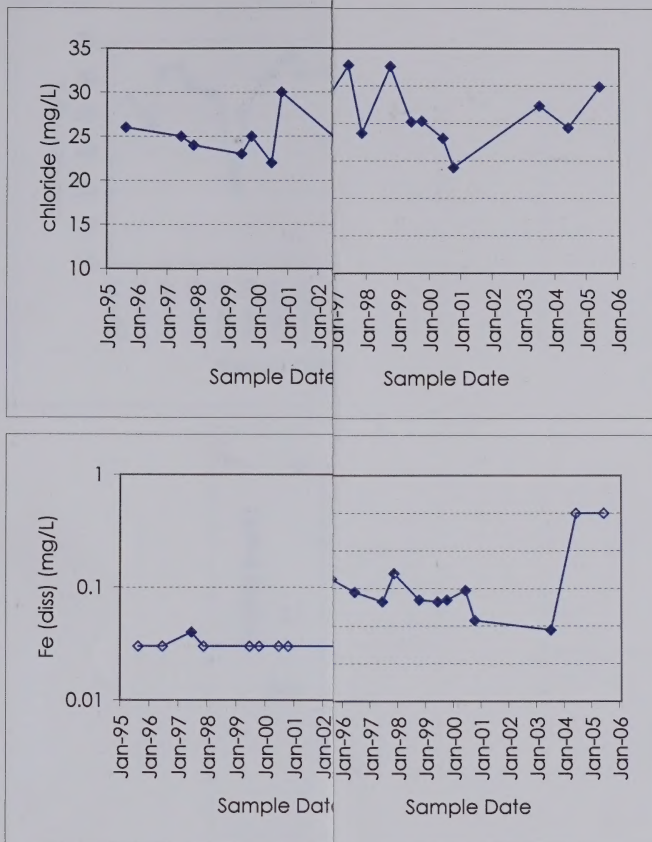
LEGEND

⊕ SIMW-3 well/piezometer location

NORTH

0 200 400
Scale (ft)

Groundwater Monitoring Locations and General Flow Direction Sanitation, Inc. Landfill Lewistown, Montana	FIGURE
	1



NOTE: open symbols indicate value

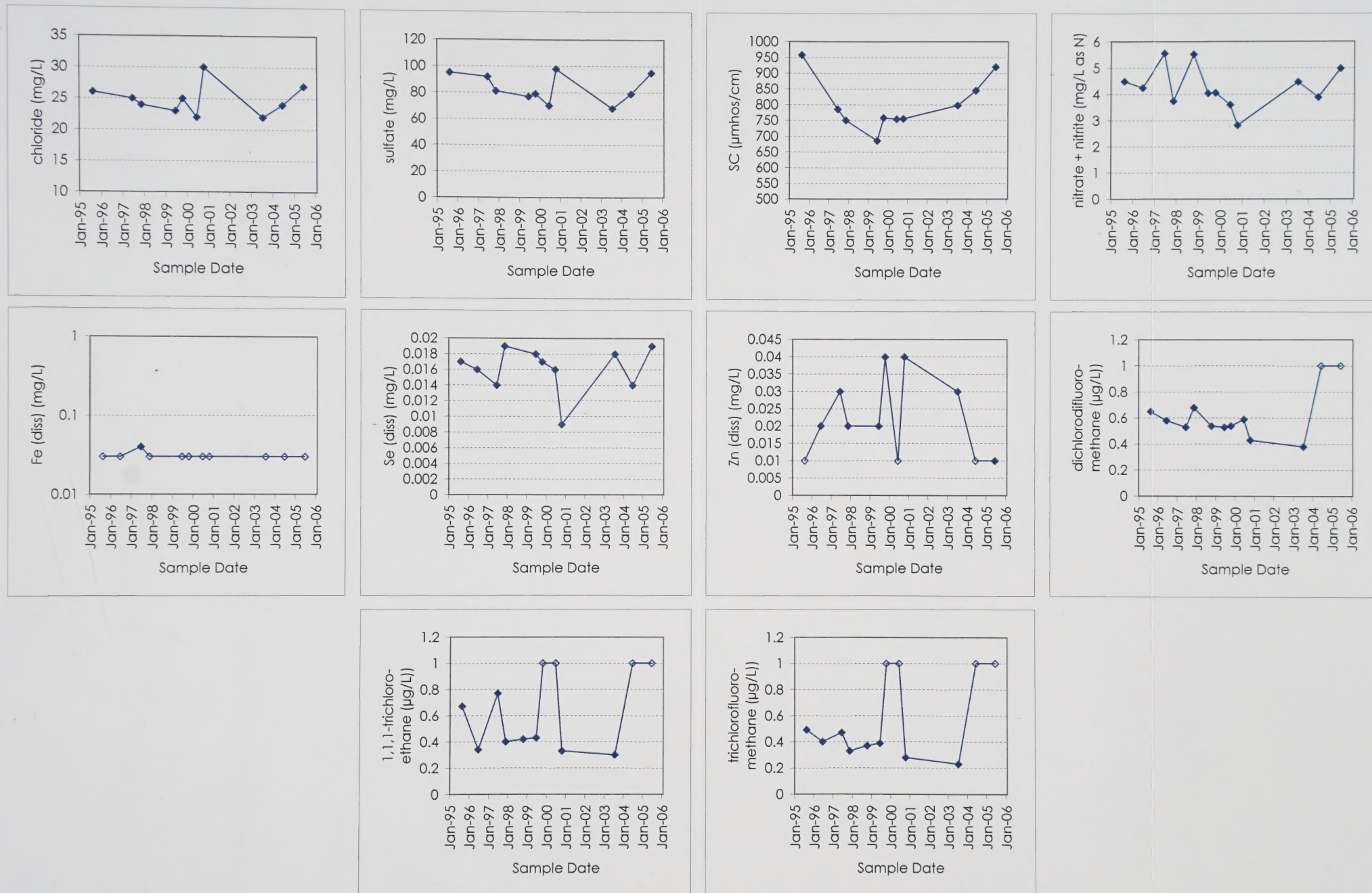
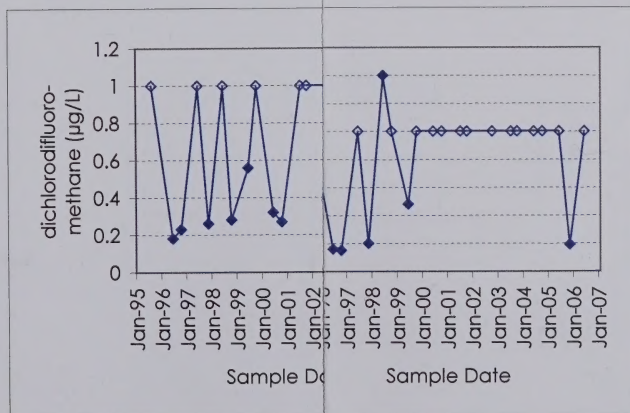
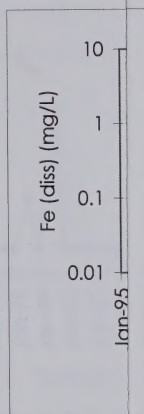
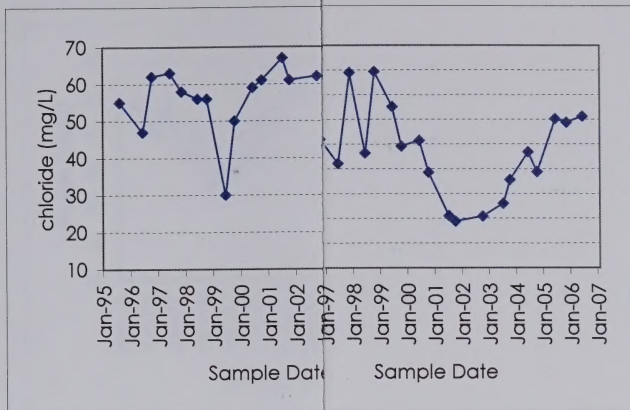


Figure 2a. SIMW-1 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate value

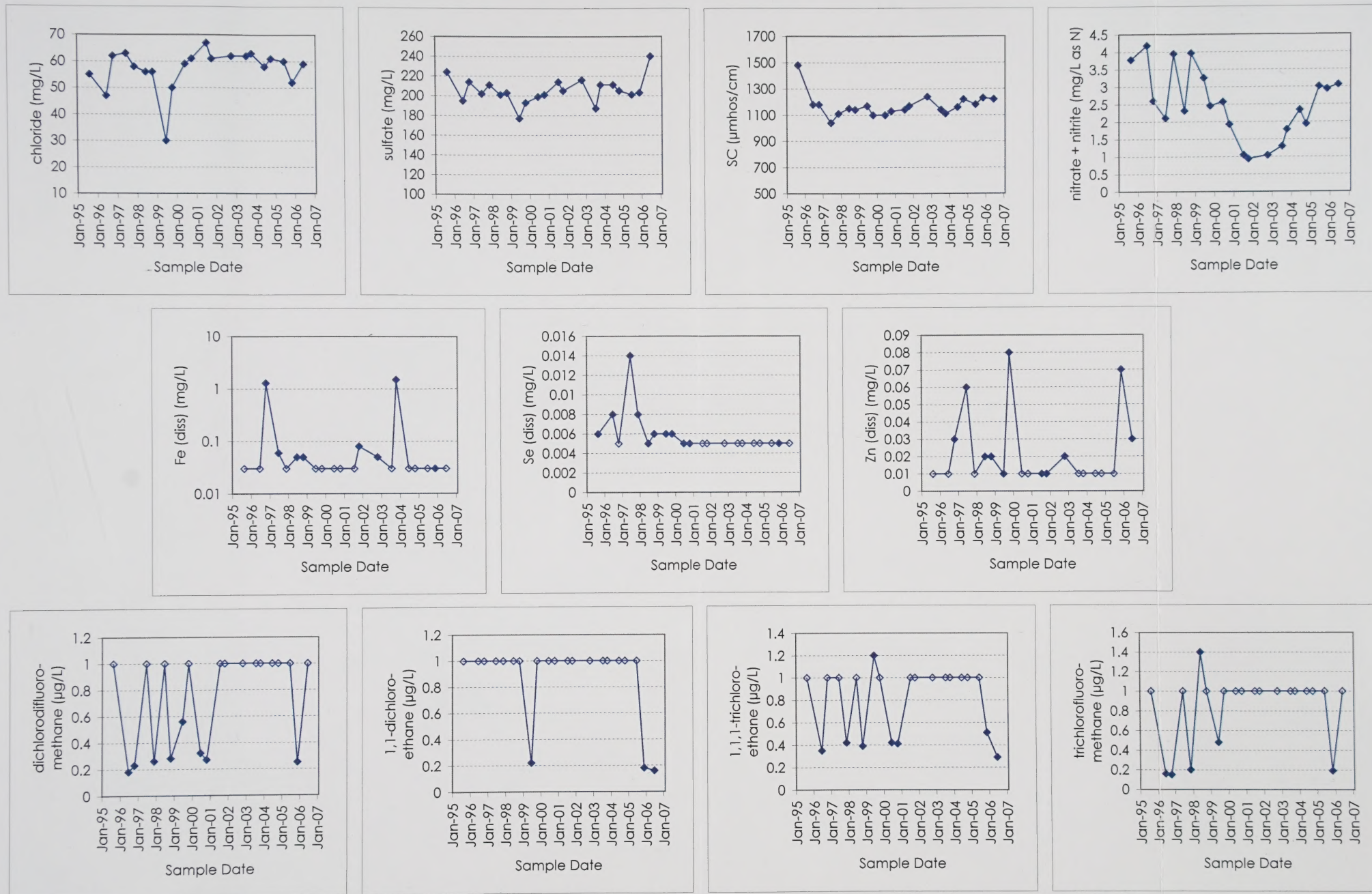
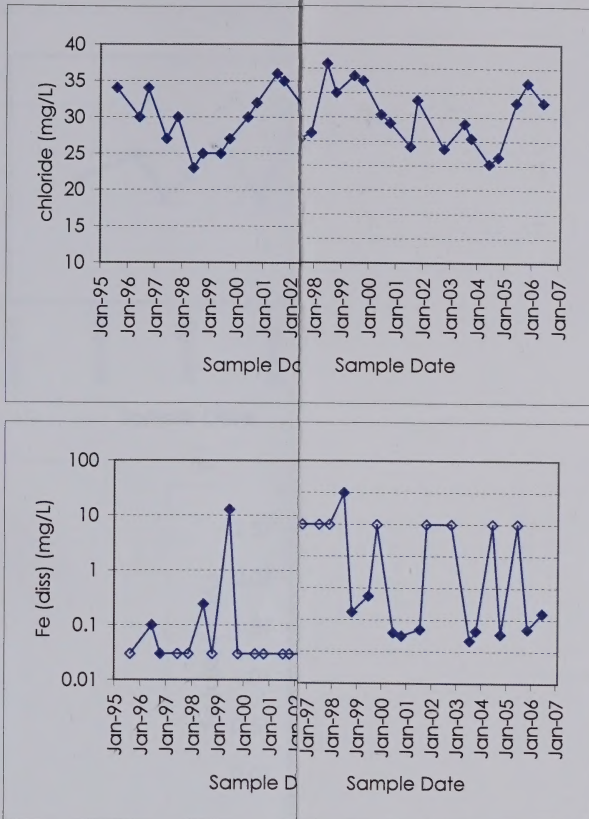


Figure 2b. SIMW-2 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate vad

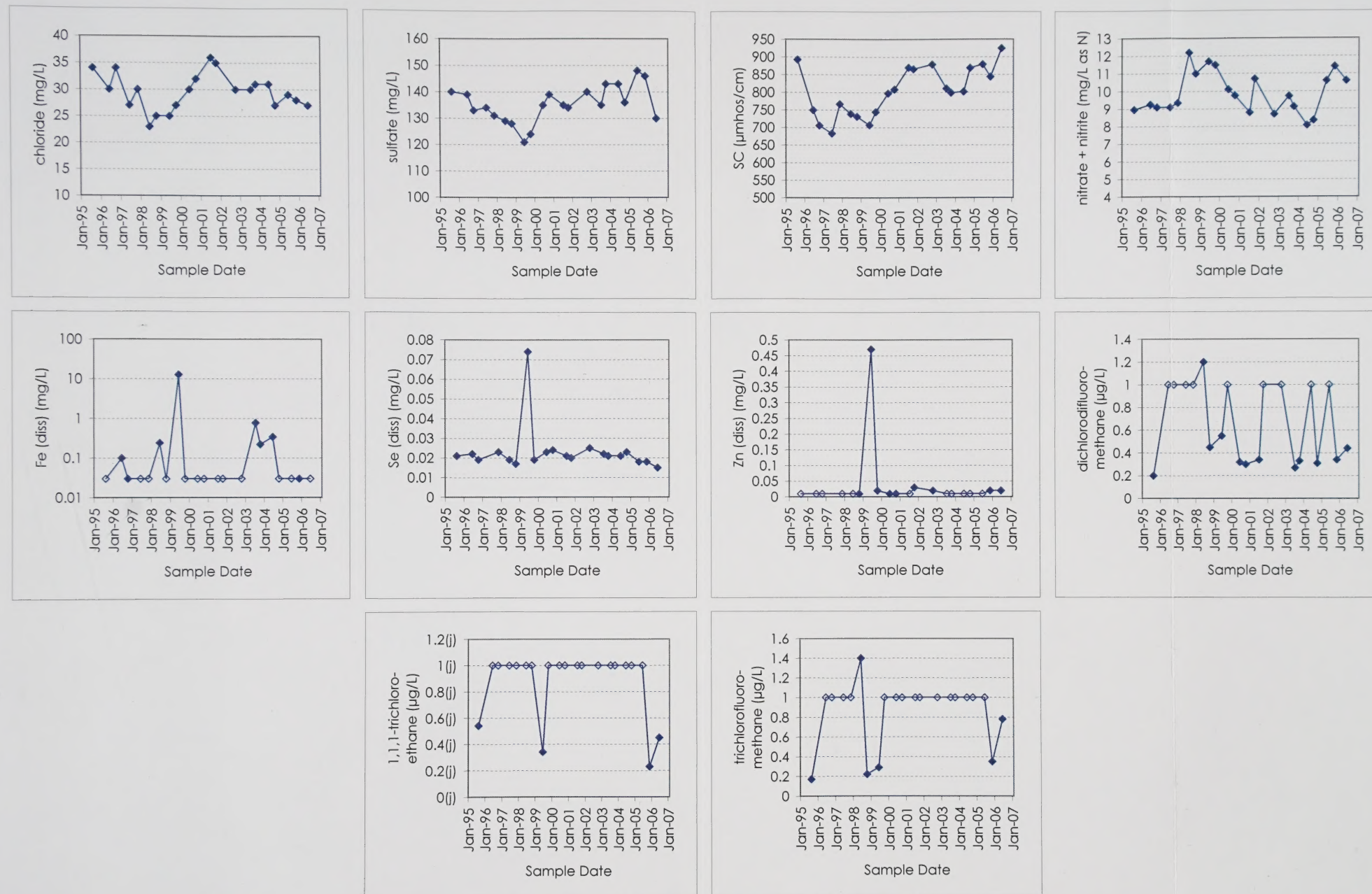
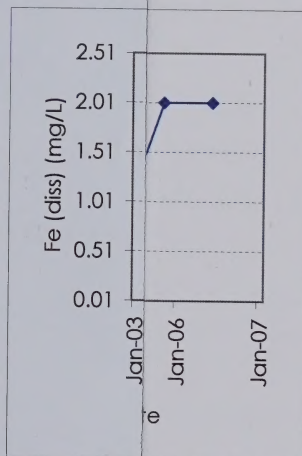
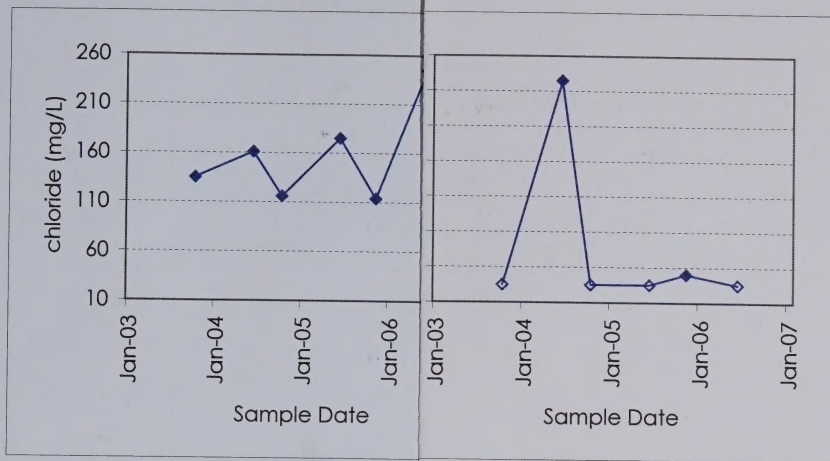


Figure 2c. SIMW-3 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate value below 10 mg/L

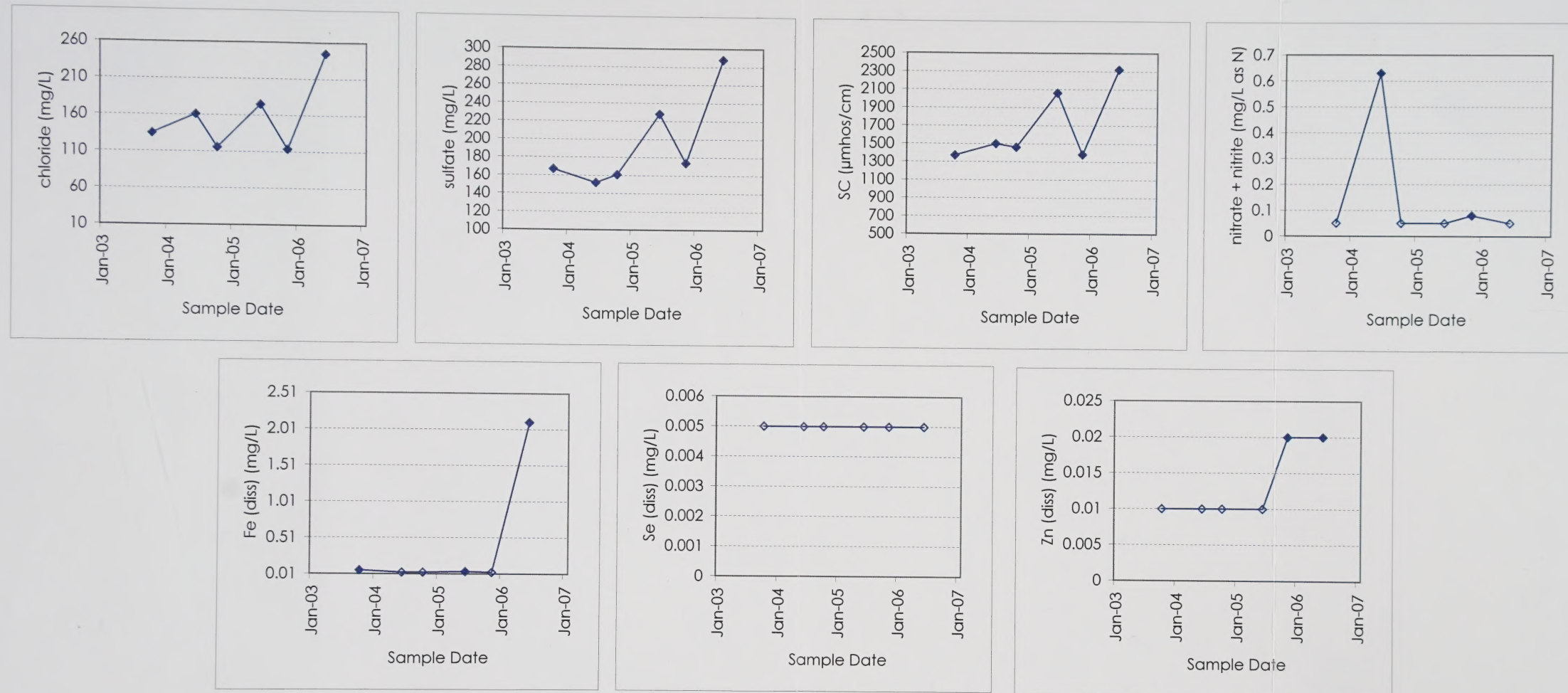


Figure 2d. SIMW-4 Water Quality Trends

NOTE: open symbols indicate value below detection limit

ATTACHMENT 1

FIELD NOTES AND LABORATORY REPORT

pH – SC – Temp.

Instrument Calibration Form

Meter Type: HyDac D16 PCT/PH Comp (033538)

Serial No: 020644559

Project Name: Seriation Inc Cask

Date: 6-22-06

Personnel: B. Noh

Weather: ~~Cloudy~~ Sunny

PH CALIBRATION

Time	Buffer	Temperature	Reading
1600	4	77.0 77.0	3.95
1600	7	77.0	7.05 → 7.00
	10		

Calibration Check: _____

SPECIFIC CONDUCTANCE CALIBRATION

Time	Standard	Temperature	Reading	Cell Factor
1600	1413	76.5	1440 → 1413	

Notes:

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: Sandston Inc. C-11 Well: S1M4-2

Personnel: Barry Damschen

Date: 6-22-06 Time: ~~1630~~ 1630

Conditions: dry 90

Static Water Level: Broke Total Depth Purged: _____

Purge Method: hand bailer Volume Purged: _____

	Volume	Temperature	Conductivity	pH
1.	<u>3 gal dry</u>	<u>61.2</u>	<u>1040</u>	<u>6.04</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

hl 12 water time _____ depth: _____
Broke

Comments:

BARRY DAMSCHEN CONSULTING, LLC.
Helena, Montana

Ground-Water Monitoring Field Report

Project: Sanitation Inc Landfill Well: Simu-3

Personnel: Barry Damschen

Date: 6-22-06 Time: 1715

Conditions: Sunny 80's

Static Water Level: meter broke Total Depth Purged: _____

Purge Method: hand bail Volume Purged: 2 1/2 day

	Volume	Temperature	Conductivity	pH
1.	<u>2 1/2 day</u>	<u>60.2</u>	<u>804</u>	<u>5.63</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 _____ broke time _____ depth: _____

Comments:

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: SAN. Inc. Landfill Well: 51mw-4, YD

Personnel: Barry Damschen

Date: 6-22-04 Time: 1800

Conditions: Sunny - 80°

Static Water Level: ± 35' Bore Total Depth Purged: _____

Purge Method: hand b/l Volume Purged: 9 gal

	Volume	Temperature	Conductivity	pH
1.	<u>9 gal</u>	<u>61.2</u>	<u>2130</u>	<u>5.51</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 Bore h2 1/2 time _____ depth: _____

Comments:

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: Barr-Danschen		Project Name, PWS #, Permit #: Etc.: Sanitation Inc. Landfill		Project Name, PWS #, Permit #: Etc.: Sanitation Inc. Landfill		Sampler Name if other than Contact: Barr-Danschen	
Report Mail Address: 5531 40th Ave Hoboken, NJ 07030		Contact Name, Phone, Fax, E-mail: Barr-Danschen 401-5003		Contact Name, Phone, Fax, E-mail: Barr-Danschen 401-5003		Sampler Name if other than Contact: Barr-Danschen	
Invoice Address: Bill Spina Sanitation Inc. P.O. Box 882 Hoboken, NJ 07030		Invoice Contact & Phone #: Bill Spina 538-8767		Invoice Contact & Phone #: Bill Spina 538-8767		Purchase Order #: 538-8767	
Report Required For: POTW ☐ WTP ☐ DW ☐ Other ☐ MSW		ANALYSIS REQUESTED HAZARDOUS		Notify ELI prior to RUSH sample submittal for additional charges and scheduling Comments:		Shipped by: Cooler ID(s): Receipt Temp: °C Custody Seal Intact: Y/N Signature Match: Y/N Lab ID:	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ AZLA ☐ Level IV ☐ Other:		Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other		Normal Turnaround (TAT) RUSH Turnaround (TAT)		LABORATORY USE ONLY	
EDD/EDT ☐ Format		SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time	
1		Simw-2		6-22-06		1630	
2		Simw-3		6-22-06		1715	
3		Simw-4		6-22-06		1800	
4		Simw-4D		6-22-06		1800	
5		Tip Plant					
6							
7							
8							
9							
10							
Custody Record MUST be Signed		Relinquished by (print): Barr-Danschen		Relinquished by (print): Barr-Danschen		Relinquished by (print): Barr-Danschen	
Date/Time:		Date/Time:		Date/Time:		Date/Time:	
Signature:		Signature:		Signature:		Signature:	
Laboratory Use Only		Laboratory Use Only		Laboratory Use Only		Laboratory Use Only	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.enervia.com for additional information, downloadable fee schedule forms & links



ANALYTICAL SUMMARY REPORT

July 11, 2006

Sanitation Inc.

PO Box 882

Lewistown, MT 59457

Workorder No.: H06060255

Project Name: Sanitation Inc.

Energy Laboratories Inc received the following 5 samples from Sanitation Inc. on 6/23/2006 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
H06060255-001	SIMW-2	06/22/06 16:30	06/23/06	Aqueous	Metals by ICP/ICPMS, Dissolved Chloride Cyanide, Total Manual Distillation Total Cyanide Digestion Chemical Oxygen Demand Conductivity Nitrogen, Nitrate + Nitrite pH Sulfate 8260-Volatile Organic Comp, 40 CFR Part 258 App I
H06060255-002	SIMW-3	06/22/06 17:15	06/23/06	Aqueous	Same As Above
H06060255-003	SIMW-4	06/22/06 18:00	06/23/06	Aqueous	Same As Above
H06060255-004	SIMW-4D	06/22/06 18:00	06/23/06	Aqueous	Same As Above
H06060255-005	Trip Blank	06/22/06 16:30	06/23/06	Trip Blank	8260-Volatile Organic Comp, 40 CFR Part 258 App I

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: _____

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-001
Client Sample ID: SIMW-2

Report Date: 07/11/06
Collection Date: 06/22/06 16:30
Date Received: 06/23/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.7	s.u.		0.1		E150.1	06/27/06 13:32 / sld
Conductivity	1220	umhos/cm		1		A2510 B	06/23/06 15:15 / abb
INORGANICS							
Sulfate	240	mg/L	D	1		A4500-SO4 E	06/26/06 16:08 / sld
Chloride	59	mg/L		1		A4500-Cl B	06/28/06 11:31 / sld
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/28/06 10:54 / eli-b
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	14	mg/L		1		E410.4	07/07/06 16:30 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	3.06	mg/L		0.05		E353.2	06/26/06 12:43 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/28/06 15:56 / eli-b
Arsenic	ND	mg/L		0.005		E200.8	07/01/06 09:37 / eli-b
Barium	ND	mg/L		0.1		E200.7	06/28/06 15:56 / eli-b
Beryllium	ND	mg/L		0.001		E200.7	06/28/06 15:56 / eli-b
Cadmium	ND	mg/L		0.001		E200.7	06/28/06 15:56 / eli-b
Chromium	ND	mg/L		0.01		E200.7	06/28/06 15:56 / eli-b
Cobalt	ND	mg/L		0.01		E200.7	06/28/06 15:56 / eli-b
Copper	ND	mg/L		0.01		E200.7	06/28/06 15:56 / eli-b
Iron	ND	mg/L		0.03		E200.7	06/28/06 15:56 / eli-b
Lead	ND	mg/L		0.01		E200.8	07/01/06 09:37 / eli-b
Mercury	ND	mg/L		0.001		E200.8	07/01/06 09:37 / eli-b
Nickel	ND	mg/L		0.01		E200.7	06/28/06 15:56 / eli-b
Selenium	ND	mg/L		0.005		E200.8	07/01/06 09:37 / eli-b
Silver	ND	mg/L		0.005		E200.7	06/28/06 15:56 / eli-b
Thallium	ND	mg/L		0.1		E200.7	06/28/06 15:56 / eli-b
Vanadium	ND	mg/L		0.1		E200.7	06/28/06 15:56 / eli-b
Zinc	0.03	mg/L		0.01		E200.7	06/28/06 15:56 / eli-b

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

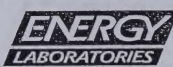
Client: Sanitation Inc.
 Project: Sanitation Inc.
 Lab ID: H06060255-002
 Client Sample ID: SIMW-3

Report Date: 07/11/06
 Collection Date: 06/22/06 17:15
 Date Received: 06/23/06
 Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.6	s.u.		0.1		E150.1	06/27/06 13:33 / sld
Conductivity	925	umhos/cm		1		A2510 B	06/23/06 15:16 / abb
INORGANICS							
Sulfate	130	mg/L		1		A4500-SO4 E	06/26/06 16:09 / sld
Chloride	27	mg/L		1		A4500-Cl B	06/28/06 11:35 / sld
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/28/06 11:02 / eli-b
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	10	mg/L		1		E410.4	07/07/06 16:30 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	10.6	mg/L	D	0.1		E353.2	06/26/06 12:45 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/28/06 16:00 / eli-b
Arsenic	ND	mg/L		0.005		E200.8	07/01/06 09:44 / eli-b
Barium	ND	mg/L		0.1		E200.7	06/28/06 16:00 / eli-b
Beryllium	ND	mg/L		0.001		E200.7	06/28/06 16:00 / eli-b
Cadmium	ND	mg/L		0.001		E200.7	06/28/06 16:00 / eli-b
Chromium	ND	mg/L		0.01		E200.7	06/28/06 16:00 / eli-b
Cobalt	ND	mg/L		0.01		E200.7	06/28/06 16:00 / eli-b
Copper	ND	mg/L		0.01		E200.7	06/28/06 16:00 / eli-b
Iron	ND	mg/L		0.03		E200.7	06/28/06 16:00 / eli-b
Lead	ND	mg/L		0.01		E200.7	06/28/06 16:00 / eli-b
Mercury	ND	mg/L		0.001		E200.8	07/01/06 09:44 / eli-b
Nickel	ND	mg/L		0.01		E200.7	06/28/06 16:00 / eli-b
Selenium	0.015	mg/L		0.005		E200.8	07/01/06 09:44 / eli-b
Silver	ND	mg/L		0.005		E200.7	06/28/06 16:00 / eli-b
Thallium	ND	mg/L		0.1		E200.7	06/28/06 16:00 / eli-b
Vanadium	ND	mg/L		0.1		E200.7	06/28/06 16:00 / eli-b
Zinc	0.02	mg/L		0.01		E200.7	06/28/06 16:00 / eli-b

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-003
Client Sample ID: SIMW-4

Report Date: 07/11/06
Collection Date: 06/22/06 18:00
Date Received: 06/23/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.1	s.u.		0.1		E150.1	06/27/06 13:34 / sld
Conductivity	2320	umhos/cm		1		A2510 B	06/23/06 15:16 / abb
INORGANICS							
Sulfate	288	mg/L	D	6		A4500-SO4 E	06/26/06 16:09 / sld
Chloride	245	mg/L		1		A4500-Cl B	06/28/06 11:44 / sld
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/28/06 11:03 / eli-b
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	110	mg/L		1		E410.4	07/10/06 09:30 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/26/06 12:47 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/28/06 16:11 / eli-b
Arsenic	ND	mg/L		0.005		E200.8	07/01/06 09:51 / eli-b
Barium	ND	mg/L		0.1		E200.7	06/28/06 16:11 / eli-b
Beryllium	ND	mg/L		0.001		E200.8	07/01/06 09:51 / eli-b
Cadmium	ND	mg/L		0.001		E200.8	07/01/06 09:51 / eli-b
Chromium	ND	mg/L		0.01		E200.7	06/28/06 16:11 / eli-b
Cobalt	0.01	mg/L		0.01		E200.8	07/01/06 09:51 / eli-b
Copper	ND	mg/L		0.01		E200.7	06/28/06 16:11 / eli-b
Iron	2.11	mg/L		0.03		E200.7	06/28/06 16:11 / eli-b
Lead	ND	mg/L		0.01		E200.8	07/01/06 09:51 / eli-b
Mercury	ND	mg/L		0.001		E200.8	07/01/06 09:51 / eli-b
Nickel	0.03	mg/L		0.01		E200.8	07/01/06 09:51 / eli-b
Selenium	ND	mg/L		0.005		E200.8	07/01/06 09:51 / eli-b
Silver	ND	mg/L		0.005		E200.7	06/28/06 16:11 / eli-b
Thallium	ND	mg/L		0.1		E200.7	06/28/06 16:11 / eli-b
Vanadium	ND	mg/L		0.1		E200.7	06/28/06 16:11 / eli-b
Zinc	0.02	mg/L		0.01		E200.7	06/28/06 16:11 / eli-b

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-004
Client Sample ID: SIMW-4D

Report Date: 07/11/06
Collection Date: 06/22/06 18:00
Date Received: 06/23/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.2	s.u.		0.1		E150.1	06/27/06 13:35 / sld
Conductivity	2340	umhos/cm		1		A2510 B	06/23/06 15:17 / abb
INORGANICS							
Sulfate	278	mg/L	D	6		A4500-SO4 E	06/26/06 16:10 / sld
Chloride	245	mg/L		1		A4500-Cl B	06/28/06 11:47 / sld
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/28/06 11:05 / eli-b
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	110	mg/L		1		E410.4	07/10/06 09:30 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/26/06 12:49 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/28/06 16:14 / eli-b
Arsenic	ND	mg/L		0.005		E200.8	07/01/06 09:57 / eli-b
Barium	ND	mg/L		0.1		E200.7	06/28/06 16:14 / eli-b
Beryllium	ND	mg/L		0.001		E200.7	06/28/06 16:14 / eli-b
Cadmium	ND	mg/L		0.001		E200.8	07/01/06 09:57 / eli-b
Chromium	ND	mg/L		0.01		E200.7	06/28/06 16:14 / eli-b
Cobalt	0.01	mg/L		0.01		E200.8	07/01/06 09:57 / eli-b
Copper	ND	mg/L		0.01		E200.7	06/28/06 16:14 / eli-b
Iron	2.26	mg/L		0.03		E200.7	06/28/06 16:14 / eli-b
Lead	ND	mg/L		0.01		E200.8	07/01/06 09:57 / eli-b
Mercury	ND	mg/L		0.001		E200.8	07/01/06 09:57 / eli-b
Nickel	0.04	mg/L		0.01		E200.8	07/01/06 09:57 / eli-b
Selenium	ND	mg/L		0.005		E200.8	07/01/06 09:57 / eli-b
Silver	0.011	mg/L		0.005		E200.7	06/28/06 16:14 / eli-b
Thallium	ND	mg/L		0.1		E200.7	06/28/06 16:14 / eli-b
Vanadium	ND	mg/L		0.1		E200.7	06/28/06 16:14 / eli-b
Zinc	0.02	mg/L		0.01		E200.7	06/28/06 16:14 / eli-b

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc.

Report Date: 07/11/06

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B							Batch: 060623A-COND-PROBE-W		
Sample ID: LCS1_060623A	Laboratory Control Sample				Run: COND_060623A				06/23/06 13:43
Conductivity	1390	umhos/cm	1.0	98	90	110			
Sample ID: H06060253-005ADUP	Sample Duplicate				Run: COND_060623A				06/23/06 15:14
Conductivity	6240	umhos/cm	1.0				0.2	10	
Method: A4500-CI B							Batch: 060628A-CL-TTR-W		
Sample ID: MBLK1_060628A	Method Blank				Run: TITTR_060628A				06/28/06 09:37
Chloride	0.5	mg/L	0.3						
Sample ID: LCS1_060628A	Laboratory Control Sample				Run: TITTR_060628A				06/28/06 09:39
Chloride	105	mg/L	1.0	104	90	110			
Sample ID: H06060255-001ADUP	Sample Duplicate				Run: TITTR_060628A				06/28/06 11:33
Chloride	58.0	mg/L	1.0				1.7	20	
Sample ID: H06060273-001EMS	Sample Matrix Spike				Run: TITTR_060628A				06/28/06 12:05
Chloride	23.5	mg/L	1.0	105	90	110			
Sample ID: H06060273-001EMSD	Sample Matrix Spike Duplicate				Run: TITTR_060628A				06/28/06 12:08
Chloride	21.5	mg/L	1.0	85	90	110	8.9	20	
Method: A4500-SO4 E							Batch: 060626A-SO4-TURB-W		
Sample ID: MBLK1_060626A	Method Blank				Run: TURBIDITY_060626A				06/26/06 15:44
Sulfate	ND	mg/L	0.2						
Sample ID: LCS1_060626A	Laboratory Control Sample				Run: TURBIDITY_060626A				06/26/06 15:44
Sulfate	392	mg/L	2.3	97	90	110			
Sample ID: H06060237-005AMS	Sample Matrix Spike				Run: TURBIDITY_060626A				06/26/06 16:03
Sulfate	17.3	mg/L	1.0	87	80	120			
Sample ID: H06060237-005AMSD	Sample Matrix Spike Duplicate				Run: TURBIDITY_060626A				06/26/06 16:03
Sulfate	16.3	mg/L	1.0	82	80	120	6.0	10	
Sample ID: H06060255-004ADUP	Sample Duplicate				Run: TURBIDITY_060626A				06/26/06 16:10
Sulfate	273	mg/L	5.8				1.8	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc.

Report Date: 07/11/06

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E150.1					Batch: 060627A-PH-W				
Sample ID: LCS1_060627A	Laboratory Control Sample				Run: PH_060627A		06/27/06 13:26		
pH	7.07	s.u.	0.10	101	98.6	101.4			
Sample ID: H06060253-005ADUP	Sample Duplicate				Run: PH_060627A		06/27/06 13:31		
pH	7.89	s.u.	0.10				0.1	2	
Sample ID: H06060269-004ADUP	Sample Duplicate				Run: PH_060627A		06/27/06 13:42		
pH	7.64	s.u.	0.10				0.3	2	
Ammonia									
Ammonium									
Asbestos									
Bacteria									
Bioassay									
Bismuth									
Boron									
Bromine									
Calcium									
Chlorine									
Chromium									
Cobalt									
Copper									
Fluoride									
Iron									
Lead									
Manganese									
Mercury									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silver									
Sulfate									
Sulfur									
Titanium									
Vanadium									
Zinc									

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 07/11/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Analytical Run: SUB-B78142		
Sample ID: CCV		Continuing Calibration Verification Standard					06/29/06 02:16		
Antimony	5.22	mg/L	0.0100	104	90	110			
Barium	4.96	mg/L	0.10	99	90	110			
Beryllium	2.42	mg/L	0.010	97	90	110			
Cadmium	4.95	mg/L	0.010	99	90	110			
Chromium	5.03	mg/L	0.050	101	90	110			
Cobalt	5.12	mg/L	0.020	102	90	110			
Copper	5.19	mg/L	0.010	104	90	110			
Iron	5.13	mg/L	0.030	103	90	110			
Lead	5.05	mg/L	0.050	101	90	110			
Nickel	5.04	mg/L	0.050	101	90	110			
Silver	0.515	mg/L	0.010	103	90	110			
Thallium	5.16	mg/L	0.0089	103	90	110			
Vanadium	5.01	mg/L	0.10	100	90	110			
Zinc	5.04	mg/L	0.010	101	90	110			
Sample ID: QCS		Initial Calibration Verification Standard					06/28/06 11:50		
Antimony	1.02	mg/L	0.0100	102	95	105			
Barium	0.962	mg/L	0.10	96	95	105			
Beryllium	0.474	mg/L	0.010	95	95	105			
Cadmium	0.492	mg/L	0.010	98	95	105			
Chromium	0.985	mg/L	0.050	99	95	105			
Cobalt	1.00	mg/L	0.020	100	95	105			
Copper	1.01	mg/L	0.010	101	95	105			
Iron	5.03	mg/L	0.030	101	95	105			
Lead	1.01	mg/L	0.050	101	95	105			
Nickel	1.01	mg/L	0.050	101	95	105			
Silver	0.480	mg/L	0.010	96	95	105			
Thallium	1.01	mg/L	0.0089	101	95	105			
Vanadium	0.999	mg/L	0.10	100	95	105			
Zinc	1.01	mg/L	0.010	101	95	105			
Sample ID: CRI		CRDL Standard for ICP					06/28/06 12:00		
Antimony	0.105	mg/L	0.0100	105	50	150			
Barium	0.00306	mg/L	0.10	102	50	150			
Beryllium	0.00310	mg/L	0.010	103	50	150			
Cadmium	0.00317	mg/L	0.010	106	50	150			
Chromium	0.0204	mg/L	0.050	102	50	150			
Cobalt	0.0216	mg/L	0.020	108	50	150			
Copper	0.0195	mg/L	0.010	97	50	150			
Iron	0.0215	mg/L	0.030	107	50	150			
Lead	0.0505	mg/L	0.050	101	50	150			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 07/11/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Analytical Run: SUB-B78142		
Sample ID: CRI	CRDL Standard for ICP							06/28/06 12:00	
Nickel	0.0209	mg/L	0.050	105	50	150			
Silver	0.00678	mg/L	0.010	136	50	150			
Thallium	0.205	mg/L	0.0089	103	50	150			
Vanadium	0.00850	mg/L	0.10	85	50	150			
Zinc	0.0115	mg/L	0.010	115	50	150			
Sample ID: ICSA	Interference Check Sample A							06/28/06 12:04	
Antimony	0.00245	mg/L	0.0100		-0.05	0.05			
Barium	0.000550	mg/L	0.10		-0.005	0.0005			
Beryllium	0.000340	mg/L	0.010		-0.001	0.001			
Cadmium	-0.00467	mg/L	0.010		-0.001	0.001			
Chromium	0.000410	mg/L	0.050		-0.01	0.01			
Cobalt	0.00154	mg/L	0.020		-0.01	0.01			
Copper	0.00426	mg/L	0.010		-0.01	0.01			
Iron	205	mg/L	0.091	103	80	120			
Lead	0.00674	mg/L	0.050		-0.01	0.01			
Nickel	0.00570	mg/L	0.050		-0.05	0.05			
Silver	-0.00112	mg/L	0.010		-0.005	0.005			
Thallium	-0.0318	mg/L	0.0089		-0.1	0.1			
Vanadium	-0.000780	mg/L	0.10		-0.01	0.01			
Zinc	0.0451	mg/L	0.010		-0.01	0.01			
Sample ID: ICSAB	Interference Check Sample AB							06/28/06 12:07	
Antimony	1.03	mg/L	0.0100	103	80	120			
Barium	0.501	mg/L	0.10	100	80	120			
Beryllium	0.472	mg/L	0.010	94	80	120			
Cadmium	0.934	mg/L	0.010	93	80	120			
Chromium	0.484	mg/L	0.050	97	80	120			
Cobalt	0.483	mg/L	0.020	97	80	120			
Copper	0.538	mg/L	0.010	108	80	120			
Iron	206	mg/L	0.091	103	80	120			
Lead	1.00	mg/L	0.050	100	80	120			
Nickel	0.959	mg/L	0.050	96	80	120			
Silver	1.03	mg/L	0.010	103	80	120			
Thallium	0.981	mg/L	0.0089	98	80	120			
Vanadium	0.498	mg/L	0.10	100	80	120			
Zinc	1.01	mg/L	0.010	101	80	120			
Sample ID: CRI	CRDL Standard for ICP							06/29/06 10:45	
Antimony	0.105	mg/L	0.0100	105	50	150			
Barium	0.00341	mg/L	0.10	114	50	150			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 07/11/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Analytical Run: SUB-B78142		
Sample ID: CRI	CRDL Standard for ICP							06/29/06 10:45	
Beryllium	0.00330	mg/L	0.010	110	50	150			
Cadmium	0.00330	mg/L	0.010	110	50	150			
Chromium	0.0208	mg/L	0.050	104	50	150			
Cobalt	0.0222	mg/L	0.020	111	50	150			
Copper	0.0196	mg/L	0.010	98	50	150			
Iron	0.0257	mg/L	0.030	129	50	150			
Lead	0.0529	mg/L	0.050	106	50	150			
Nickel	0.0215	mg/L	0.050	107	50	150			
Silver	0.00741	mg/L	0.010	148	50	150			
Thallium	0.215	mg/L	0.0089	107	50	150			
Vanadium	0.00851	mg/L	0.10	85	50	150			
Zinc	0.0122	mg/L	0.010	122	50	150			
Sample ID: ICSA	Interference Check Sample A							06/29/06 10:48	
Antimony	0.0188	mg/L	0.0100		-0.05	0.05			
Barium	0.000530	mg/L	0.10		-0.005	0.0005			
Beryllium	0.000320	mg/L	0.010		-0.001	0.001			
Cadmium	-0.00743	mg/L	0.010		-0.001	0.001			
Chromium	0.000640	mg/L	0.050		-0.01	0.01			
Cobalt	0.00147	mg/L	0.020		-0.01	0.01			
Copper	0.00504	mg/L	0.010		-0.01	0.01			
Iron	208	mg/L	0.091	104	80	120			
Lead	0.0392	mg/L	0.050		-0.01	0.01			
Nickel	0.00593	mg/L	0.050		-0.05	0.05			
Silver	0.00233	mg/L	0.010		-0.005	0.005			
Thallium	-0.0141	mg/L	0.0089		-0.1	0.1			
Vanadium	-0.000770	mg/L	0.10		-0.01	0.01			
Zinc	0.0449	mg/L	0.010		-0.01	0.01			
Sample ID: ICSAB	Interference Check Sample AB							06/29/06 10:52	
Antimony	1.07	mg/L	0.0100	107	80	120			
Barium	0.519	mg/L	0.10	104	80	120			
Beryllium	0.496	mg/L	0.010	99	80	120			
Cadmium	0.972	mg/L	0.010	97	80	120			
Chromium	0.499	mg/L	0.050	100	80	120			
Cobalt	0.504	mg/L	0.020	101	80	120			
Copper	0.554	mg/L	0.010	111	80	120			
Iron	211	mg/L	0.091	105	80	120			
Lead	1.04	mg/L	0.050	104	80	120			
Nickel	0.994	mg/L	0.050	99	80	120			
Silver	1.08	mg/L	0.010	108	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 07/11/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Analytical Run: SUB-B78142		
Sample ID: ICSAB	Interference Check Sample AB								06/29/06 10:52
Thallium	1.02	mg/L	0.0089	102	80	120			
Vanadium	0.517	mg/L	0.10	103	80	120			
Zinc	1.05	mg/L	0.010	105	80	120			
Method: E200.7							Batch: B_R78142		
Sample ID: B06062100-005FMS2	Sample Matrix Spike				Run: SUB-B78142			06/28/06 13:52	
Antimony	1.022	mg/L	0.010	102	70	130			
Barium	1.172	mg/L	0.10	96	70	130			
Beryllium	0.4745	mg/L	0.0010	95	70	130			
Cadmium	0.4841	mg/L	0.0010	97	70	130			
Chromium	0.9731	mg/L	0.010	97	70	130			
Cobalt	0.9925	mg/L	0.010	99	70	130			
Copper	1.001	mg/L	0.010	100	70	130			
Iron	4.955	mg/L	0.030	99	70	130			
Lead	1.003	mg/L	0.010	100	70	130			
Nickel	0.9874	mg/L	0.010	99	70	130			
Silver	0.4240	mg/L	0.0050	85	70	130			
Thallium	1.020	mg/L	0.0092	102	70	130			
Vanadium	0.9853	mg/L	0.10	99	70	130			
Zinc	1.020	mg/L	0.010	102	70	130			
Sample ID: B06062100-005FMSD2	Sample Matrix Spike Duplicate				Run: SUB-B78142			06/28/06 14:02	
Antimony	1.004	mg/L	0.010	100	70	130	1.8	20	
Barium	1.172	mg/L	0.10	96	70	130	0.0	20	
Beryllium	0.4715	mg/L	0.0010	94	70	130	0.6	20	
Cadmium	0.4877	mg/L	0.0010	98	70	130	0.7	20	
Chromium	0.9823	mg/L	0.010	98	70	130	0.9	20	
Cobalt	0.9976	mg/L	0.010	100	70	130	0.5	20	
Copper	0.9976	mg/L	0.010	100	70	130	0.3	20	
Iron	4.982	mg/L	0.030	99	70	130	0.5	20	
Lead	1.003	mg/L	0.010	100	70	130	0.0	20	
Nickel	0.9914	mg/L	0.010	99	70	130	0.4	20	
Silver	0.3242	mg/L	0.0050	65	70	130	27	20	SR
Thallium	1.006	mg/L	0.0092	101	70	130	1.4	20	
Vanadium	0.9945	mg/L	0.10	99	70	130	0.9	20	
Zinc	1.022	mg/L	0.010	102	70	130	0.2	20	
Sample ID: MB-SPDIS060628A	Method Blank				Run: SUB-B78142			06/28/06 12:37	
Antimony	ND	mg/L	0.010						
Barium	0.0003	mg/L	0.0001						
Beryllium	0.0002	mg/L	8E-05						

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 07/11/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Batch: B_R78142		
Sample ID: MB-SPDIS060628A	Method Blank		Run: SUB-B78142				06/28/06 12:37		
Cadmium	ND	mg/L	0.0003						
Chromium	ND	mg/L	0.002						
Cobalt	ND	mg/L	0.0010						
Copper	ND	mg/L	0.001						
Iron	ND	mg/L	0.002						
Lead	ND	mg/L	0.007						
Nickel	ND	mg/L	0.001						
Silver	ND	mg/L	0.001						
Thallium	ND	mg/L	0.009						
Vanadium	ND	mg/L	0.001						
Zinc	0.0004	mg/L	0.0004						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 07/11/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Analytical Run: SUB-B78264		
Sample ID: QCS - ME050621C,0601	Initial Calibration Verification Standard							06/30/06 11:52	
Selenium	0.050	mg/L	0.0050	100	90	110			
Arsenic	0.050	mg/L	0.0050	99	90	110			
Beryllium	0.024	mg/L	0.0010	97	90	110			
Cadmium	0.024	mg/L	0.0010	97	90	110			
Cobalt	0.050	mg/L	0.010	99	90	110			
Lead	0.049	mg/L	0.010	99	90	110			
Mercury	0.0020	mg/L	0.0010	98	90	110			
Nickel	0.049	mg/L	0.010	97	90	110			
Sample ID: QCS - ME050621C,0601	Initial Calibration Verification Standard							06/30/06 22:44	
Selenium	0.049	mg/L	0.0050	98	90	110			
Arsenic	0.049	mg/L	0.0050	98	90	110			
Beryllium	0.024	mg/L	0.0010	96	90	110			
Cadmium	0.024	mg/L	0.0010	97	90	110			
Cobalt	0.050	mg/L	0.010	100	90	110			
Lead	0.049	mg/L	0.010	98	90	110			
Mercury	0.0019	mg/L	0.0010	96	90	110			
Nickel	0.048	mg/L	0.010	97	90	110			
Method: E200.8							Batch: B_R78264		
Sample ID: B06062136-018AMS	Sample Matrix Spike		Run: SUB-B78264				07/01/06 01:18		
Arsenic	0.052	mg/L	0.0010	104	70	130			
Beryllium	0.053	mg/L	0.0010	107	70	130			
Cadmium	0.052	mg/L	0.0010	104	70	130			
Cobalt	0.051	mg/L	0.010	101	70	130			
Lead	0.053	mg/L	0.0010	103	70	130			
Mercury	0.00098	mg/L	0.00020	98	70	130			
Nickel	0.053	mg/L	0.010	102	70	130			
Selenium	0.054	mg/L	0.0050	108	70	130			
Sample ID: B06062136-018AMSD	Sample Matrix Spike Duplicate		Run: SUB-B78264				07/01/06 01:25		
Arsenic	0.052	mg/L	0.0010	103	70	130	1.2	20	
Beryllium	0.054	mg/L	0.0010	109	70	130	1.9	20	
Cadmium	0.051	mg/L	0.0010	103	70	130	0.7	20	
Cobalt	0.051	mg/L	0.010	101	70	130	0.3	20	
Lead	0.054	mg/L	0.0010	103	70	130	0.7	20	
Mercury	0.0010	mg/L	0.00020	105	70	130	6.8	20	
Nickel	0.053	mg/L	0.010	102	70	130	0.1	20	
Selenium	0.052	mg/L	0.0050	105	70	130	3.2	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 07/11/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R78264		
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B78264			07/01/06 09:23	
Selenium	0.047	mg/L	0.0050	92	85	115			
Arsenic	0.048	mg/L	0.0050	96	85	115			
Beryllium	0.052	mg/L	0.0010	103	85	115			
Cadmium	0.049	mg/L	0.0010	97	85	115			
Cobalt	0.056	mg/L	0.010	112	85	115			
Lead	0.052	mg/L	0.010	103	85	115			
Mercury	0.00097	mg/L	0.0010	97	85	115			
Nickel	0.055	mg/L	0.010	111	85	115			
Sample ID: LRB	Method Blank				Run: SUB-B78264			06/30/06 12:55	
Selenium	0.001	mg/L	0.0002						
Arsenic	ND	mg/L	9E-05						
Beryllium	ND	mg/L	1E-05						
Cadmium	0.0003	mg/L	0.0001						
Cobalt	3E-05	mg/L	2E-05						
Lead	3E-05	mg/L	1E-05						
Mercury	ND	mg/L	2E-05						
Nickel	ND	mg/L	5E-05						
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B78264			06/30/06 13:02	
Selenium	0.056	mg/L	0.0050	109	85	115			
Arsenic	0.055	mg/L	0.0050	110	85	115			
Beryllium	0.056	mg/L	0.0010	112	85	115			
Cadmium	0.053	mg/L	0.0010	106	85	115			
Cobalt	0.047	mg/L	0.010	94	85	115			
Lead	0.053	mg/L	0.010	105	85	115			
Mercury	0.00093	mg/L	0.0010	93	85	115			
Nickel	0.047	mg/L	0.010	94	85	115			
Method: E335.4							Batch: B_A2006-06-28_4_CN_01		
Sample ID: B06062263-001DMS	Sample Matrix Spike				Run: SUB-B78129			06/28/06 11:50	
Cyanide, Total Manual Distillation	0.511	mg/L	0.0083	98	90	110			
Sample ID: B06062263-001DMSD	Sample Matrix Spike Duplicate				Run: SUB-B78129			06/28/06 11:52	
Cyanide, Total Manual Distillation	0.513	mg/L	0.0083	99	90	110	0.3	10	
Sample ID: LFB	Laboratory Fortified Blank				Run: SUB-B78129			06/28/06 09:56	
Cyanide, Total Manual Distillation	0.108	mg/L	0.0050	108	90	110			
Sample ID: MBLK	Method Blank				Run: SUB-B78129			06/28/06 09:58	
Cyanide, Total Manual Distillation	ND	mg/L	0.003						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc.

Report Date: 07/11/06

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2					Analytical Run: NUTRIENTS_060626C				
Sample ID: ICV-1	Initial Calibration Verification Standard								06/26/06 09:47
Nitrogen, Nitrate+Nitrite as N	1.03	mg/L	0.050	103	90	110			
Method: E353.2					Batch: A2006-06-26_5_NO3_01				
Sample ID: LCS-2	Laboratory Control Sample								06/26/06 09:49
Nitrogen, Nitrate+Nitrite as N	26.4	mg/L	0.30	100	90	110			
Sample ID: LFB-3	Laboratory Fortified Blank								06/26/06 09:51
Nitrogen, Nitrate+Nitrite as N	0.520	mg/L	0.050	104	90	110			
Sample ID: MBLK-5	Method Blank								06/26/06 09:55
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.01						
Sample ID: H06060253-002BDUP	Sample Duplicate								06/26/06 12:23
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.050				0.0	20	
Sample ID: H06060255-004BMS	Sample Matrix Spike								06/26/06 12:55
Nitrogen, Nitrate+Nitrite as N	1.04	mg/L	0.050	104	90	110			
Sample ID: H06060255-004BMSD	Sample Matrix Spike Duplicate								06/26/06 12:57
Nitrogen, Nitrate+Nitrite as N	1.06	mg/L	0.050	106	90	110	1.9	20	
Sample ID: H06060258-005ADUP	Sample Duplicate								06/26/06 13:09
Nitrogen, Nitrate+Nitrite as N	0.220	mg/L	0.050				4.4	20	
Method: E410.4					Batch: R30388				
Sample ID: MB-R30388	Method Blank								07/07/06 16:30
Oxygen Demand, Chemical (COD)	0.9	mg/L							
Sample ID: LCS-R30388	Laboratory Control Sample								07/07/06 16:30
Oxygen Demand, Chemical (COD)	320	mg/L	1.0	105	90	110			
Sample ID: H06060348-005BDUP	Sample Duplicate								07/07/06 16:30
Oxygen Demand, Chemical (COD)	2.2	mg/L	1.0				0.0	30	
Method: E410.4					Batch: R30445				
Sample ID: MB-R30445	Method Blank								07/10/06 09:30
Oxygen Demand, Chemical (COD)	0.5	mg/L							
Sample ID: LCS-R30445	Laboratory Control Sample								07/10/06 09:30
Oxygen Demand, Chemical (COD)	320	mg/L	1.0	105	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-001
Client Sample ID: SIMW-2

Report Date: 06/29/06
Collection Date: 06/22/06 16:30
Date Received: 06/23/06
Matrix: AQUEOUS

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/27/06 15:49 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/27/06 15:49 / jdh
Benzene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,1-Dichloroethane	0.16	ug/L	J	1.0		SW8260B	06/27/06 15:49 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
2-Hexanone	ND	ug/L		20		SW8260B	06/27/06 15:49 / jdh
Iodomethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/27/06 15:49 / jdh
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/27/06 15:49 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Toluene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,1,1-Trichloroethane	0.29	ug/L	J	1.0		SW8260B	06/27/06 15:49 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-001
Client Sample ID: SIMW-2

Report Date: 06/29/06
Collection Date: 06/22/06 16:30
Date Received: 06/23/06
Matrix: AQUEOUS

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
o-Xylene	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/27/06 15:49 / jdh
Surr: 1,2-Dichloroethane-d4	109	%REC			70-130	SW8260B	06/27/06 15:49 / jdh
Surr: Dibromofluoromethane	105	%REC			70-130	SW8260B	06/27/06 15:49 / jdh
Surr: p-Bromofluorobenzene	104	%REC			70-130	SW8260B	06/27/06 15:49 / jdh
Surr: Toluene-d8	95.0	%REC			70-130	SW8260B	06/27/06 15:49 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-002
Client Sample ID: SIMW-3

Report Date: 06/29/06
Collection Date: 06/22/06 17:15
Date Received: 06/23/06
Matrix: AQUEOUS

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/27/06 16:18 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/27/06 16:18 / jdh
Benzene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Dichlorodifluoromethane	0.44	ug/L	J	1.0		SW8260B	06/27/06 16:18 / jdh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
2-Hexanone	ND	ug/L		20		SW8260B	06/27/06 16:18 / jdh
Iodomethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/27/06 16:18 / jdh
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/27/06 16:18 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Toluene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
1,1,1-Trichloroethane	0.45	ug/L	J	1.0		SW8260B	06/27/06 16:18 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh

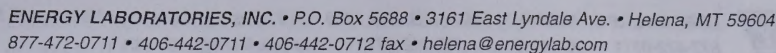
Report RL - Analyte reporting limit.

MCL - Maximum contaminant level.

Definitions: QCL - Quality control limit.

ND - Not detected at the reporting limit.

J - Estimated value. The analyte was present but less than the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-002
Client Sample ID: SIMW-3

Report Date: 06/29/06
Collection Date: 06/22/06 17:15
DateReceived: 06/23/06
Matrix: AQUEOUS

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Trichlorofluoromethane	0.78	ug/L	J	1.0		SW8260B	06/27/06 16:18 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
o-Xylene	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/27/06 16:18 / jdh
Surr: 1,2-Dichloroethane-d4	114	%REC			70-130	SW8260B	06/27/06 16:18 / jdh
Surr: Dibromofluoromethane	96.0	%REC			70-130	SW8260B	06/27/06 16:18 / jdh
Surr: p-Bromofluorobenzene	109	%REC			70-130	SW8260B	06/27/06 16:18 / jdh
Surr: Toluene-d8	90.0	%REC			70-130	SW8260B	06/27/06 16:18 / jdh

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-003
Client Sample ID: SIMW-4

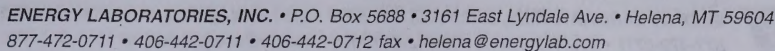
Report Date: 06/30/06
Collection Date: 06/22/06 18:00
Date Received: 06/23/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	4.9	ug/L	J	20		SW8260B	06/27/06 16:48 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/27/06 16:48 / jdh
Benzene	0.29	ug/L	J	1.0		SW8260B	06/27/06 16:48 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
cis-1,2-Dichloroethene	0.59	ug/L	J	1.0		SW8260B	06/27/06 16:48 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Ethylbenzene	ND	ug/L		20		SW8260B	06/27/06 16:48 / jdh
2-Hexanone	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Iodomethane	ND	ug/L		20		SW8260B	06/27/06 16:48 / jdh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/27/06 16:48 / jdh
Methyl isobutyl ketone	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Toluene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-003
Client Sample ID: SIMW-4

Report Date: 06/30/06
Collection Date: 06/22/06 18:00
DateReceived: 06/23/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/27/06 16:48 / jdh
m+p-Xylenes	0.13	ug/L	J	1.0		SW8260B	06/27/06 16:48 / jdh
o-Xylene	0.11	ug/L	J	1.0		SW8260B	06/27/06 16:48 / jdh
Xylenes, Total	0.24	ug/L	J	1.0		SW8260B	06/27/06 16:48 / jdh
Surr: 1,2-Dichloroethane-d4	118	%REC			70-130	SW8260B	06/27/06 16:48 / jdh
Surr: Dibromofluoromethane	106	%REC			70-130	SW8260B	06/27/06 16:48 / jdh
Surr: p-Bromofluorobenzene	98.0	%REC			70-130	SW8260B	06/27/06 16:48 / jdh
Surr: Toluene-d8	90.0	%REC			70-130	SW8260B	06/27/06 16:48 / jdh

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-004
Client Sample ID: SIMW-4D

Report Date: 06/30/06
Collection Date: 06/22/06 18:00
Date Received: 06/23/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	6.8	ug/L	J	20		SW8260B	06/27/06 17:17 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/27/06 17:17 / jdh
Benzene	0.26	ug/L	J	1.0		SW8260B	06/27/06 17:17 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
cis-1,2-Dichloroethene	0.63	ug/L	J	1.0		SW8260B	06/27/06 17:17 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
2-Hexanone	ND	ug/L		20		SW8260B	06/27/06 17:17 / jdh
Iodomethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/27/06 17:17 / jdh
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/27/06 17:17 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Toluene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

J - Estimated value. The analyte was present but less than the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-004
Client Sample ID: SIMW-4D

Report Date: 06/30/06
Collection Date: 06/22/06 18:00
DateReceived: 06/23/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/27/06 17:17 / jdh
m+p-Xylenes	0.14	ug/L	J	1.0		SW8260B	06/27/06 17:17 / jdh
o-Xylene	0.11	ug/L	J	1.0		SW8260B	06/27/06 17:17 / jdh
Xylenes, Total	0.24	ug/L	J	1.0		SW8260B	06/27/06 17:17 / jdh
Surr: 1,2-Dichloroethane-d4	112	%REC			70-130	SW8260B	06/27/06 17:17 / jdh
Surr: Dibromofluoromethane	106	%REC			70-130	SW8260B	06/27/06 17:17 / jdh
Surr: p-Bromofluorobenzene	100	%REC			70-130	SW8260B	06/27/06 17:17 / jdh
Surr: Toluene-d8	90.0	%REC			70-130	SW8260B	06/27/06 17:17 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-005
Client Sample ID: Trip Blank

Report Date: 06/30/06
Collection Date: 06/22/06 16:30
Date Received: 06/23/06
Matrix: Trip Blank

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/27/06 18:16 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/27/06 18:16 / jdh
Benzene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Ethylbenzene	ND	ug/L		20		SW8260B	06/27/06 18:16 / jdh
2-Hexanone	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Iodomethane	ND	ug/L		20		SW8260B	06/27/06 18:16 / jdh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/27/06 18:16 / jdh
Methyl isobutyl ketone	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Toluene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc.
Lab ID: H06060255-005
Client Sample ID: Trip Blank

Report Date: 06/30/06
Collection Date: 06/22/06 16:30
Date Received: 06/23/06
Matrix: Trip Blank

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
o-Xylene	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/27/06 18:16 / jdh
Surr: 1,2-Dichloroethane-d4	116	%REC			70-130	SW8260B	06/27/06 18:16 / jdh
Surr: Dibromofluoromethane	110	%REC			70-130	SW8260B	06/27/06 18:16 / jdh
Surr: p-Bromofluorobenzene	104	%REC			70-130	SW8260B	06/27/06 18:16 / jdh
Surr: Toluene-d8	92.0	%REC			70-130	SW8260B	06/27/06 18:16 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/29/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B		Analytical Run: 1SATURN_060627A							
Sample ID: CCV	Continuing Calibration Verification Standard								06/27/06 10:29
Acetone	46.4	ug/L	20	93	70	130			
Acrylonitrile	53.6	ug/L	20	107	70	130			
Benzene	5.52	ug/L	1.0	110	70	130			
Bromochloromethane	5.12	ug/L	1.0	102	70	130			
Bromodichloromethane	4.68	ug/L	1.0	94	70	130			
Bromoform	5.48	ug/L	1.0	110	70	130			
Bromomethane	4.56	ug/L	1.0	91	70	130			
Carbon disulfide	4.60	ug/L	1.0	92	70	130			
Carbon tetrachloride	4.88	ug/L	1.0	98	70	130			
Chlorobenzene	4.80	ug/L	1.0	96	70	130			
Chlorodibromomethane	4.88	ug/L	1.0	98	70	130			
Chloroethane	3.87	ug/L	1.0	77	70	130			
Chloroform	5.04	ug/L	1.0	101	80	120			
Chloromethane	4.60	ug/L	1.0	92	70	130			
1,2-Dibromo-3-chloropropane	4.72	ug/L	1.0	94	70	130			
1,2-Dibromoethane	4.40	ug/L	1.0	88	70	130			
Dibromomethane	5.08	ug/L	1.0	102	70	130			
1,2-Dichlorobenzene	4.88	ug/L	1.0	98	70	130			
1,4-Dichlorobenzene	5.08	ug/L	1.0	102	70	130			
trans-1,4-Dichloro-2-butene	5.60	ug/L	1.0	112	70	130			
Dichlorodifluoromethane	4.64	ug/L	1.0	93	70	130			
1,1-Dichloroethane	5.52	ug/L	1.0	110	70	130			
1,2-Dichloroethane	5.76	ug/L	1.0	115	70	130			
1,1-Dichloroethene	5.16	ug/L	1.0	103	80	120			
cis-1,2-Dichloroethene	4.92	ug/L	1.0	98	70	130			
trans-1,2-Dichloroethene	5.36	ug/L	1.0	107	70	130			
1,2-Dichloropropane	4.72	ug/L	1.0	94	80	120			
cis-1,3-Dichloropropene	4.88	ug/L	1.0	98	70	130			
trans-1,3-Dichloropropene	5.28	ug/L	1.0	106	70	130			
Ethylbenzene	4.76	ug/L	1.0	95	80	120			
2-Hexanone	41.6	ug/L	20	83	70	130			
Iodomethane	4.52	ug/L	1.0	90	70	130			
Methyl ethyl ketone	43.2	ug/L	20	86	70	130			
Methyl isobutyl ketone	39.4	ug/L	20	79	70	130			
Methylene chloride	5.40	ug/L	1.0	108	70	130			
Styrene	4.36	ug/L	1.0	87	70	130			
1,1,1,2-Tetrachloroethane	5.04	ug/L	1.0	101	70	130			
1,1,2,2-Tetrachloroethane	5.12	ug/L	1.0	102	70	130			
Tetrachloroethene	4.88	ug/L	1.0	98	70	130			
Toluene	4.84	ug/L	1.0	97	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/29/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B			Analytical Run: 1SATURN_060627A						
Sample ID: CCV	Continuing Calibration Verification Standard								06/27/06 10:29
1,1,1-Trichloroethane	5.00	ug/L	1.0	100	70	130			
1,1,2-Trichloroethane	4.92	ug/L	1.0	98	70	130			
Trichloroethene	4.64	ug/L	1.0	93	70	130			
Trichlorofluoromethane	4.80	ug/L	1.0	96	70	130			
1,2,3-Trichloropropane	5.52	ug/L	1.0	110	70	130			
Vinyl acetate	3.86	ug/L	1.0	77	70	130			
Vinyl chloride	4.56	ug/L	1.0	91	80	120			
m+p-Xylenes	9.28	ug/L	1.0	93	70	130			
o-Xylene	4.68	ug/L	1.0	94	70	130			
Xylenes, Total	14.0	ug/L	1.0	93	70	130			
Surr: 1,2-Dichloroethane-d4			1.0	101	70	130			
Surr: Dibromofluoromethane			1.0	98	70	130			
Surr: p-Bromofluorobenzene			1.0	108	70	130			
Surr: Toluene-d8			1.0	88	70	130			

Method: SW8260B			Batch: R29763						
Sample ID: Blank	Method Blank		Run: 1SATURN_060627A				06/27/06 11:28		
Acetone	ND	ug/L	20						
Acrylonitrile	ND	ug/L	20						
Benzene	ND	ug/L	1.0						
Bromochloromethane	ND	ug/L	1.0						
Bromodichloromethane	ND	ug/L	1.0						
Bromoform	ND	ug/L	1.0						
Bromomethane	ND	ug/L	1.0						
Carbon disulfide	ND	ug/L	1.0						
Carbon tetrachloride	ND	ug/L	1.0						
Chlorobenzene	ND	ug/L	1.0						
Chlorodibromomethane	ND	ug/L	1.0						
Chloroethane	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0						
1,2-Dibromoethane	ND	ug/L	1.0						
Dibromomethane	ND	ug/L	1.0						
1,2-Dichlorobenzene	ND	ug/L	1.0						
1,4-Dichlorobenzene	ND	ug/L	1.0						
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0						
Dichlorodifluoromethane	ND	ug/L	1.0						
1,1-Dichloroethane	ND	ug/L	1.0						
1,2-Dichloroethane	ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/29/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R29763
Sample ID: Blank	Method Blank								Run: 1SATURN_060627A 06/27/06 11:28
1,1-Dichloroethene	ND	ug/L		1.0					
cis-1,2-Dichloroethene	ND	ug/L		1.0					
trans-1,2-Dichloroethene	ND	ug/L		1.0					
1,2-Dichloropropane	ND	ug/L		1.0					
cis-1,3-Dichloropropene	ND	ug/L		1.0					
trans-1,3-Dichloropropene	ND	ug/L		1.0					
Ethylbenzene	ND	ug/L		1.0					
2-Hexanone	ND	ug/L		20					
Iodomethane	ND	ug/L		1.0					
Methyl ethyl ketone	ND	ug/L		20					
Methyl isobutyl ketone	ND	ug/L		20					
Methylene chloride	ND	ug/L		1.0					
Styrene	ND	ug/L		1.0					
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0					
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0					
Tetrachloroethene	ND	ug/L		1.0					
Toluene	ND	ug/L		1.0					
1,1,1-Trichloroethane	ND	ug/L		1.0					
1,1,2-Trichloroethane	ND	ug/L		1.0					
Trichloroethene	ND	ug/L		1.0					
Trichlorofluoromethane	ND	ug/L		1.0					
1,2,3-Trichloropropane	ND	ug/L		1.0					
Vinyl acetate	ND	ug/L		1.0					
Vinyl chloride	ND	ug/L		1.0					
m+p-Xylenes	ND	ug/L		1.0					
o-Xylene	ND	ug/L		1.0					
Xylenes, Total	ND	ug/L		1.0					
Surr: 1,2-Dichloroethane-d4			1.0	112	70	130			
Surr: Dibromofluoromethane			1.0	108	70	130			
Surr: p-Bromofluorobenzene			1.0	116	70	130			
Surr: Toluene-d8			1.0	95	70	130			
Sample ID: LCS	Laboratory Control Sample								Run: 1SATURN_060627A 06/27/06 12:07
Acetone	48.8	ug/L	20	98	70	130			
Acrylonitrile	51.2	ug/L	20	102	70	130			
Benzene	4.84	ug/L	1.0	97	70	130			
Bromochloromethane	4.96	ug/L	1.0	99	70	130			
Bromodichloromethane	4.64	ug/L	1.0	93	70	130			
Bromoform	4.68	ug/L	1.0	94	70	130			
Bromomethane	5.40	ug/L	1.0	108	70	130			
Carbon disulfide	4.80	ug/L	1.0	96	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/29/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: R29763		
Sample ID: LCS	Laboratory Control Sample				Run: 1SATURN_060627A			06/27/06 12:07	
Carbon tetrachloride	4.44	ug/L	1.0	89	70	130			
Chlorobenzene	4.48	ug/L	1.0	90	70	130			
Chlorodibromomethane	4.64	ug/L	1.0	93	70	130			
Chloroethane	5.60	ug/L	1.0	112	70	130			
Chloroform	4.68	ug/L	1.0	94	70	130			
Chloromethane	5.08	ug/L	1.0	102	70	130			
1,2-Dibromo-3-chloropropane	4.36	ug/L	1.0	87	70	130			
1,2-Dibromoethane	4.36	ug/L	1.0	87	70	130			
Dibromomethane	4.44	ug/L	1.0	89	70	130			
1,2-Dichlorobenzene	4.24	ug/L	1.0	85	70	130			
1,4-Dichlorobenzene	4.32	ug/L	1.0	86	70	130			
trans-1,4-Dichloro-2-butene	5.28	ug/L	1.0	106	70	130			
Dichlorodifluoromethane	5.00	ug/L	1.0	100	70	130			
1,1-Dichloroethane	4.64	ug/L	1.0	93	70	130			
1,2-Dichloroethane	4.88	ug/L	1.0	98	70	130			
1,1-Dichloroethene	4.88	ug/L	1.0	98	70	130			
cis-1,2-Dichloroethene	4.64	ug/L	1.0	93	70	130			
trans-1,2-Dichloroethene	4.56	ug/L	1.0	91	70	130			
1,2-Dichloropropane	4.44	ug/L	1.0	89	70	130			
cis-1,3-Dichloropropene	4.32	ug/L	1.0	86	70	130			
trans-1,3-Dichloropropene	4.80	ug/L	1.0	96	70	130			
Ethylbenzene	4.44	ug/L	1.0	89	70	130			
2-Hexanone	49.6	ug/L	20	99	70	130			
Iodomethane	4.48	ug/L	1.0	90	70	130			
Methyl ethyl ketone	51.6	ug/L	20	103	70	130			
Methyl isobutyl ketone	44.4	ug/L	20	89	70	130			
Methylene chloride	4.92	ug/L	1.0	98	70	130			
Styrene	4.00	ug/L	1.0	80	70	130			
1,1,1,2-Tetrachloroethane	4.32	ug/L	1.0	86	70	130			
1,1,2,2-Tetrachloroethane	4.72	ug/L	1.0	94	70	130			
Tetrachloroethene	4.52	ug/L	1.0	90	70	130			
Toluene	4.84	ug/L	1.0	97	70	130			
1,1,1-Trichloroethane	4.64	ug/L	1.0	93	70	130			
1,1,2-Trichloroethane	4.68	ug/L	1.0	94	70	130			
Trichloroethene	4.48	ug/L	1.0	90	70	130			
Trichlorofluoromethane	5.24	ug/L	1.0	105	70	130			
1,2,3-Trichloropropane	4.28	ug/L	1.0	86	70	130			
Vinyl acetate	3.58	ug/L	1.0	72	70	130			
Vinyl chloride	5.00	ug/L	1.0	100	70	130			
m+p-Xylenes	8.48	ug/L	1.0	85	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/29/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R29763
Sample ID: LCS	Laboratory Control Sample				Run: 1SATURN_060627A				06/27/06 12:07
o-Xylene	4.24	ug/L	1.0	85	70	130			
Xylenes, Total	12.7	ug/L	1.0	85	70	130			
Surr: 1,2-Dichloroethane-d4			1.0	106	70	130			
Surr: Dibromofluoromethane			1.0	98	70	130			
Surr: p-Bromofluorobenzene			1.0	106	70	130			
Surr: Toluene-d8			1.0	94	70	130			
Sample ID: H06060251-001AMS									06/27/06 13:51
Sample Matrix Spike				Run: 1SATURN_060627A					
Acetone	102	ug/L	40	102	70	130			
Acrylonitrile	91.2	ug/L	40	91	70	130			
Benzene	11.4	ug/L	2.0	114	70	130			
Bromochloromethane	11.3	ug/L	2.0	113	70	130			
Bromodichloromethane	9.84	ug/L	2.0	98	70	130			
Bromoform	11.3	ug/L	2.0	113	70	130			
Bromomethane	10.6	ug/L	2.0	106	70	130			
Carbon disulfide	10.5	ug/L	2.0	105	70	130			
Carbon tetrachloride	10.6	ug/L	2.0	106	70	130			
Chlorobenzene	9.84	ug/L	2.0	98	70	130			
Chlorodibromomethane	9.28	ug/L	2.0	93	70	130			
Chloroethane	9.52	ug/L	2.0	95	70	130			
Chloroform	10.8	ug/L	2.0	108	70	130			
Chloromethane	9.60	ug/L	2.0	96	70	130			
1,2-Dibromo-3-chloropropane	10.4	ug/L	2.0	104	70	130			
1,2-Dibromoethane	9.36	ug/L	2.0	94	70	130			
Dibromomethane	9.60	ug/L	2.0	96	70	130			
1,2-Dichlorobenzene	8.72	ug/L	2.0	87	70	130			
1,4-Dichlorobenzene	9.04	ug/L	2.0	90	70	130			
trans-1,4-Dichloro-2-butene	10.3	ug/L	2.0	103	70	130			
Dichlorodifluoromethane	10.1	ug/L	2.0	101	70	130			
1,1-Dichloroethane	10.6	ug/L	2.0	106	70	130			
1,2-Dichloroethane	10.7	ug/L	2.0	107	70	130			
1,1-Dichloroethene	12.0	ug/L	2.0	120	70	130			
cis-1,2-Dichloroethene	9.60	ug/L	2.0	96	70	130			
trans-1,2-Dichloroethene	11.0	ug/L	2.0	110	70	130			
1,2-Dichloropropane	8.88	ug/L	2.0	89	70	130			
cis-1,3-Dichloropropene	9.44	ug/L	2.0	94	70	130			
trans-1,3-Dichloropropene	10.4	ug/L	2.0	104	70	130			
Ethylbenzene	9.84	ug/L	2.0	98	70	130			
2-Hexanone	87.2	ug/L	40	87	70	130			
Iodomethane	10.4	ug/L	2.0	104	70	130			
Methyl ethyl ketone	95.2	ug/L	40	95	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/29/06

Project: Sanitation Inc.

Work Order: H06060255

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: R29763		
Sample ID: H06060251-001AMS	Sample Matrix Spike			Run: 1SATURN_060627A			06/27/06 13:51		
Methyl isobutyl ketone	81.6	ug/L	40	82	70	130			
Methylene chloride	11.4	ug/L	2.0	114	70	130			
Styrene	9.28	ug/L	2.0	93	70	130			
1,1,1,2-Tetrachloroethane	10.8	ug/L	2.0	108	70	130			
1,1,2,2-Tetrachloroethane	10.0	ug/L	2.0	100	70	130			
Tetrachloroethene	9.84	ug/L	2.0	98	70	130			
Toluene	10.0	ug/L	2.0	100	70	130			
1,1,1-Trichloroethane	10.8	ug/L	2.0	108	70	130			
1,1,2-Trichloroethane	9.28	ug/L	2.0	93	70	130			
Trichloroethene	8.80	ug/L	2.0	88	70	130			
Trichlorofluoromethane	10.6	ug/L	2.0	106	70	130			
1,2,3-Trichloropropane	10.0	ug/L	2.0	100	70	130			
Vinyl acetate	7.18	ug/L	2.0	72	70	130			
Vinyl chloride	10.1	ug/L	2.0	101	70	130			
m+p-Xylenes	19.6	ug/L	2.0	98	70	130			
o-Xylene	10.0	ug/L	2.0	100	70	130			
Xylenes, Total	29.6	ug/L	2.0	99	70	130			
Surr: 1,2-Dichloroethane-d4			2.0	105	70	130			
Surr: Dibromofluoromethane			2.0	108	70	130			
Surr: p-Bromofluorobenzene			2.0	106	70	130			
Surr: Toluene-d8			2.0	89	70	130			
Sample ID: H06060251-001AMSD	Sample Matrix Spike Duplicate			Run: 1SATURN_060627A			06/27/06 14:20		
Acetone	88.8	ug/L	40	89	70	130	13	20	
Acrylonitrile	99.2	ug/L	40	99	70	130	8.4	20	
Benzene	11.5	ug/L	2.0	115	70	130	1.4	20	
Bromochloromethane	10.9	ug/L	2.0	109	70	130	3.6	20	
Bromodichloromethane	10.5	ug/L	2.0	105	70	130	6.3	20	
Bromoform	11.0	ug/L	2.0	110	70	130	2.9	20	
Bromomethane	9.52	ug/L	2.0	95	70	130	10	20	
Carbon disulfide	9.36	ug/L	2.0	94	70	130	11	20	
Carbon tetrachloride	11.2	ug/L	2.0	112	70	130	5.9	20	
Chlorobenzene	9.76	ug/L	2.0	98	70	130	0.8	20	
Chlorodibromomethane	9.84	ug/L	2.0	98	70	130	5.9	20	
Chloroethane	8.96	ug/L	2.0	90	70	130	6.1	20	
Chloroform	10.5	ug/L	2.0	105	70	130	3.0	20	
Chloromethane	8.08	ug/L	2.0	81	70	130	17	20	
1,2-Dibromo-3-chloropropane	10.1	ug/L	2.0	101	70	130	3.1	20	
1,2-Dibromoethane	9.92	ug/L	2.0	99	70	130	5.8	20	
Dibromomethane	10.4	ug/L	2.0	104	70	130	8.0	20	
1,2-Dichlorobenzene	10.2	ug/L	2.0	102	70	130	15	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc.

Report Date: 06/29/06

Work Order: H06060255

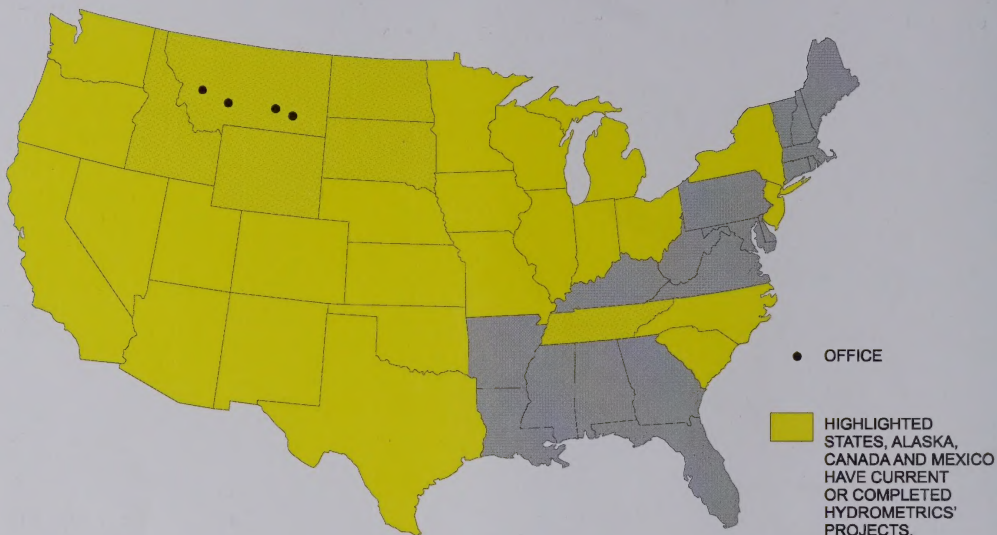
Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R29763
Sample ID: H06060251-001AMSD	Sample Matrix Spike Duplicate		Run: 1SATURN_060627A					06/27/06 14:20	
1,4-Dichlorobenzene	10.4	ug/L	2.0	104	70	130	14	20	
trans-1,4-Dichloro-2-butene	11.0	ug/L	2.0	110	70	130	6.7	20	
Dichlorodifluoromethane	8.80	ug/L	2.0	88	70	130	14	20	
1,1-Dichloroethane	11.4	ug/L	2.0	114	70	130	7.2	20	
1,2-Dichloroethane	11.8	ug/L	2.0	118	70	130	9.9	20	
1,1-Dichloroethene	10.6	ug/L	2.0	106	70	130	12	20	
cis-1,2-Dichloroethene	10.5	ug/L	2.0	105	70	130	8.8	20	
trans-1,2-Dichloroethene	10.6	ug/L	2.0	106	70	130	4.4	20	
1,2-Dichloropropane	10.9	ug/L	2.0	109	70	130	20	20	R
cis-1,3-Dichloropropene	10.2	ug/L	2.0	102	70	130	8.1	20	
trans-1,3-Dichloropropene	10.2	ug/L	2.0	102	70	130	1.6	20	
Ethylbenzene	10.1	ug/L	2.0	101	70	130	2.4	20	
2-Hexanone	96.0	ug/L	40	96	70	130	9.6	20	
Iodomethane	9.44	ug/L	2.0	94	70	130	9.7	20	
Methyl ethyl ketone	105	ug/L	40	105	70	130	9.6	20	
Methyl isobutyl ketone	89.6	ug/L	40	90	70	130	9.3	20	
Methylene chloride	11.2	ug/L	2.0	112	70	130	1.4	20	
Styrene	9.52	ug/L	2.0	95	70	130	2.6	20	
1,1,1,2-Tetrachloroethane	10.1	ug/L	2.0	101	70	130	6.9	20	
1,1,2,2-Tetrachloroethane	10.2	ug/L	2.0	102	70	130	2.4	20	
Tetrachloroethene	10.2	ug/L	2.0	102	70	130	3.2	20	
Toluene	10.4	ug/L	2.0	104	70	130	3.9	20	
1,1,1-Trichloroethane	10.1	ug/L	2.0	101	70	130	6.9	20	
1,1,2-Trichloroethane	9.92	ug/L	2.0	99	70	130	6.7	20	
Trichloroethene	10.3	ug/L	2.0	103	70	130	16	20	
Trichlorofluoromethane	9.60	ug/L	2.0	96	70	130	10	20	
1,2,3-Trichloropropane	10.6	ug/L	2.0	106	70	130	5.4	20	
Vinyl acetate	8.16	ug/L	2.0	82	70	130	13	20	
Vinyl chloride	8.56	ug/L	2.0	86	70	130	16	20	
m+p-Xylenes	18.7	ug/L	2.0	94	70	130	4.6	20	
o-Xylene	9.92	ug/L	2.0	99	70	130	0.8	20	
Xylenes, Total	28.6	ug/L	2.0	95	70	130	3.3	20	
Surr: 1,2-Dichloroethane-d4			2.0	113	70	130	0.0	20	
Surr: Dibromofluoromethane			2.0	104	70	130	0.0	20	
Surr: p-Bromofluorobenzene			2.0	108	70	130	0.0	20	
Surr: Toluene-d8			2.0	88	70	130	0.0	20	

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.



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